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MODIFICATION INSTRUCTIONS

for the

KODAK X-Omatic ML 300 and ML300 Plus

Service Codes 3058 & 3511

MOD 42 for 3058 and MOD 04 for 3511

Type 1 SELECTIVE

PURPOSE:
To raise the humidity inside the XML300/XML300 Plus to the correct level.

IMPORTANT : Use qualified service personnel to install this modification !

SERIAL NUMBERS : All XML300 and XML300 Plus

INSTALLATION TIME : SN < 3000 approx. 5 hours
: SN > 3000 (& >4000) approx. 2.5 hours

SPECIAL TOOLS : POWER DRILL
: SABRE SAW

PARTS : SN < 3000 Mod. Kit 42 PN 9226505
: SN > 3000 (& >4000) Mod. Kit 42 PN 9226506

PLEASE NOTE

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CHAPTER PAGE

CHAPTER 1

PACKING LIST FOR XML300 with SN < 3000

PART-NUMBER	DESCRIPTION	QTY
9226505	**MODIFICATION KIT No. 42 consists of:**	
MA 3058-42	MODIFICATION INSTRUCTIONS	1
----------	HUMIDIFIER ASSEMBLY	1
9198266	HUMIDIFIER FILTER CARTRIDGE	1
9226646	TWIN WATER VALVE ASSEMBLY	1
9226744	PCB A16	1
9288426	HUMIDITY SENSOR	1
9226632	RESISTOR 56 Ω	1
9226622	HARNESS	1
9226613	DRAIN HOSE	1
9226614	T-ADAPTER	1
9226561	OVERFLOW	1
9226681	OVERFLOW BASE	1
4282841	SCREW M4x12	2
4853251	NUT M4	1
9219131	HOSE CLAMP 25-40	4
9170191	HOSE CLAMP 10-16	2
4512650	WIRE TIE, large	5
6081850	WIRE TIE, small	10
8327578	SELF ADHESIVE WIRE TIE SOCKET	7
9226751	DVGW APPROVAL LABEL	1
4266540	SCREW M4x25	1
4853251	NUT M4	2
9198211	BIOLOGICAL GROWTH LABEL	1
9214662	MANUAL DOOR RELEASE left-hand	1
9226841	FOAM RUBBER selfadhesive	1
9226946	FILTER CARTRIDGE ACCESS COVER	1
9226901	FILTER CARTRIDGE ACCESS FRAME	1
9226926	FILTER CARTRIDGE ACCESS MOUNTING PLATE	1
4268110	SCREW	6
9226931	TEMPLATE, self adhesive	1
9226971	DRILL BIT 3 mm	1
9226961	HOLE CUTTER 30 mm	1
5001972	EDGE PROTECTOR (grey)	70 cm
9226981	GROMMET STRIP (white)	20 cm
4480171	WASHER 5.3 mm	5
9210341	FITTING PLATE	1

PACKING LIST FOR XML300 with SN > 3000 and XML300 Plus

PART NUMBER	DESCRIPTION	QTY
9226506	**MODIFICATION KIT No. 42 consists of:**	
MA 3058-42	MODIFICATION INSTRUCTIONS	1
----------	HUMIDIFIER ASSEMBLY	1
9198266	HUMIDIFIER FILTER CARTRIDGE	1
9226646	TWIN WATER VALVE ASSEMBLY	1
9226744	PCB A16	1
9288426	HUMIDITY SENSOR	1
9226632	RESISTOR 56 Ω	1
9226613	DRAIN HOSE	1
9226561	OVERFLOW	1
9219131	HOSE CLAMP 25-40	2
9170191	HOSE CLAMP 10-16	1
4512650	WIRE TIE, large	5
6081850	WIRE TIE, small	10
8327578	SELF ADHESIVE WIRE TIE SOCKET	7
9226751	DVGW APPROVAL LABEL	1
4266540	SCREW M4x25	1
4853251	NUT M4	2
9198211	BIOLOGICAL GROWTH LABEL	1
9226946	FILTER CARTRIDGE ACCESS COVER	1
9226901	FILTER CARTRIDGE ACCESS FRAME	1
9226926	FILTER CARTRIDGE ACCESS MOUNTING PLATE	1
4268110	SCREW	6
9226931	TEMPLATE, self adhesive	1
5001972	EDGE PROTECTOR	70 cm

INTRODUCTION

NOTE

THIS MODIFICATION SUPERSEDES MODIFICATION 14.

The purpose of this modification is to raise the humidity inside the XML300/XML300 Plus to 40% Rh. This reduces the STATIC MARKS, FILM CURL and FILM SEPARATION problems. The moistened air circulates inside the XML300 cabinet. This increases the efficiency of the HUMIDIFIER.

BASIC FUNCTION:

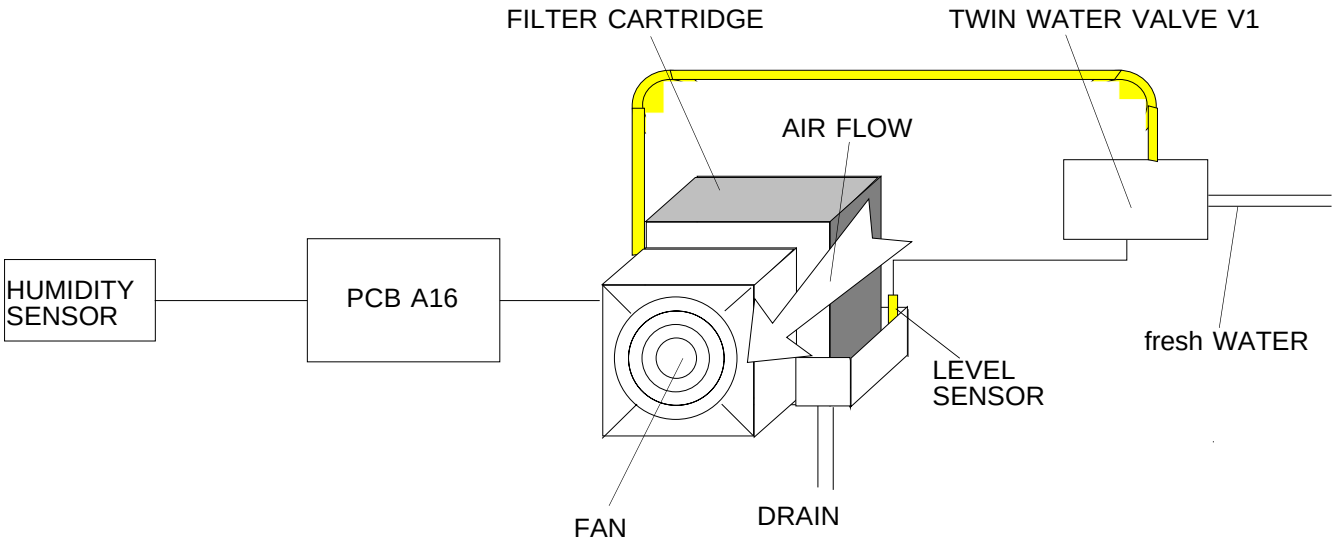


figure 1-1

If the humidity inside the XML300 is below 40% Rh, the FAN is switched on and draws air through the moistened HUMIDIFIER FILTER CARTRIDGE. This air absorbs humidity from the FILTER. When the humidity reaches the set level, PCB A16 switches off the FAN.

NOTE

PCB A16 is also used with the ML700 HUMIDIFIER. The high voltage parts on it are only used with the ML700 HUMIDIFIER. They are not used for the XML300 HUMIDIFIER.

The water level is controlled by the LEVEL SENSOR. If the water level is too low, the TWIN WATER VALVE V1 is energised and the water reservoir is filled up. However the WATER VALVE V1 can only be energised if the HUMIDITY is below the set level.

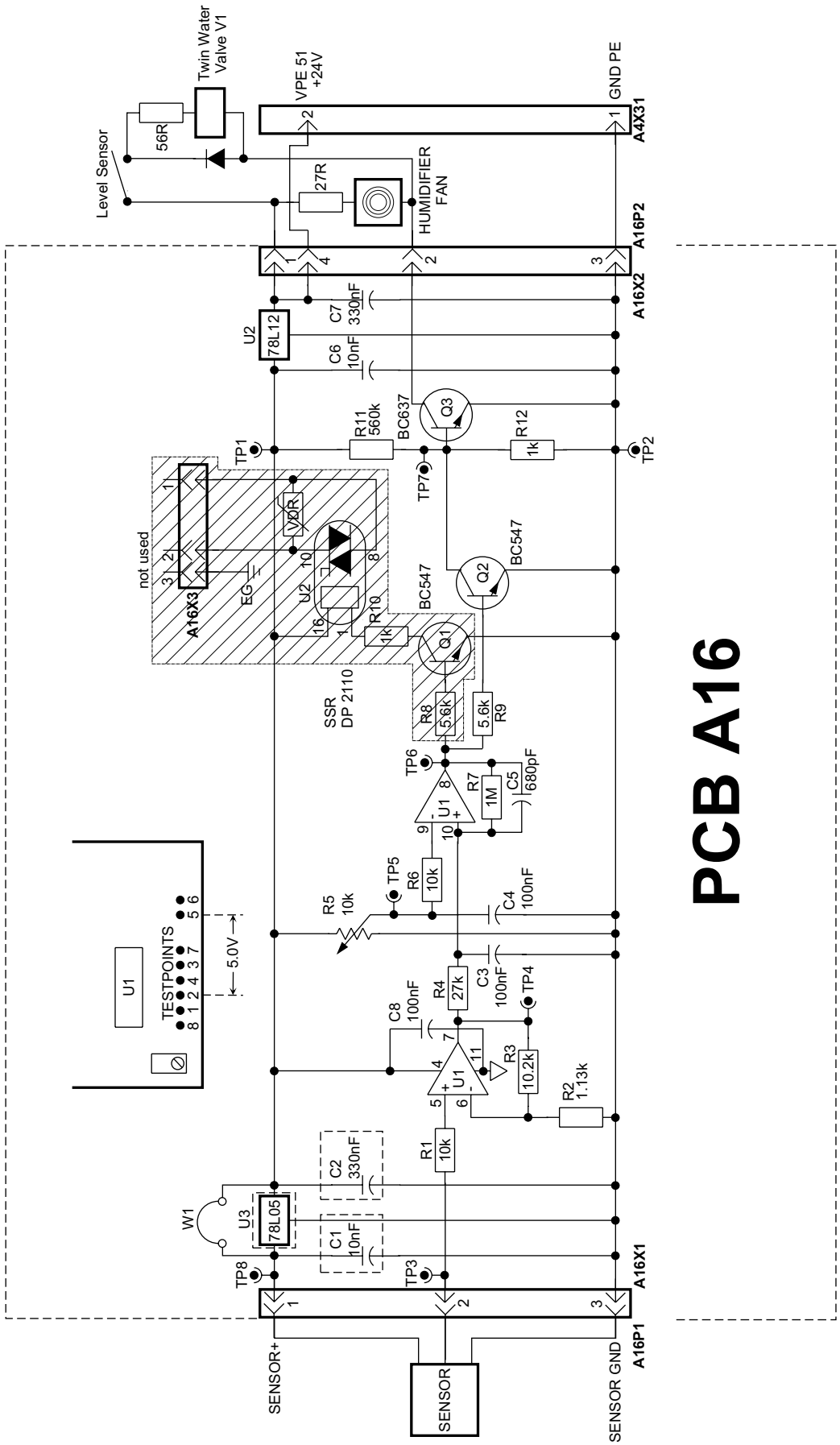
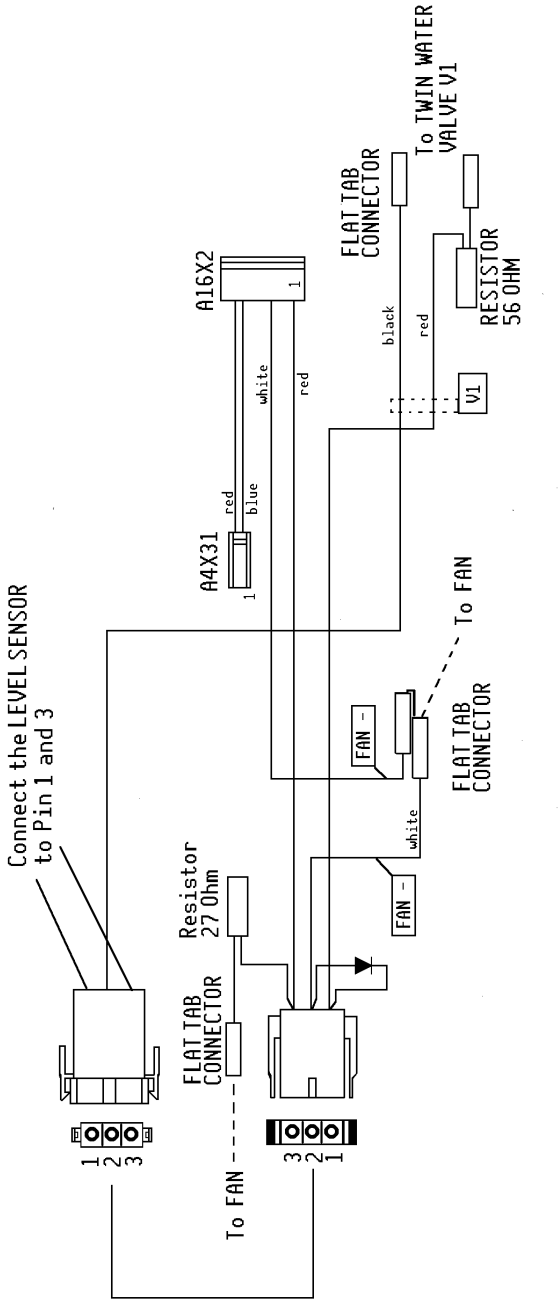

PCB A16
Twin Water Valve V1
VPE 51 +24V
GND PE
A4X31
Level Sensor
56R
27R
HUMIDIFIER FAN
A16P2
A16X2
U2 78L12
C7 330nF
C6 10nF
R11 560k
BC637
Q3
R12 1k
TP1
TP2
TP7
not used
A16X3
VDR
EG
U2
R10 1k
BC547
Q2
Q1
SSR DP 2110
R8 5.6k
R9 5.6k
TP6
R7 1M
C5 680pF
U1
TP5
R6 10k
C4 100nF
R5 10k
TESTPOINTS
5.0V
C3 100nF
R4 27k
TP4
C8 100nF
R3 10.2k
R2 1.13k
R1 10k
C2 330nF
C1 10nF
U3 78L05
W1
TP8
TP3
A16X1
A16P1
SENSOR+
SENSOR
SENSOR GND

figure 1-2



NB. FAN POLARITY BLACK Wire from 27ohm Resistor to **+** on FAN & WHITE Wire from Flat Tab to **-** on FAN

figure 1-3

INSTALLATION

NOTE

There are 2 different INSTALLATION KITS. One for the XML300s with SN < 3000 and one for the XML300s/300 Plus' with SN > 3000. All XML300s with SN > 3000 have the HARNESS, TWIN WATER VALVE and T-ADAPTER already factory installed to ease the installation of this modification as do XML300 Plus units.

CHAPTER 2

INSTALLATION of MOD 42 (PN 9226505) for XML300 with SN < 3000

1. Disconnect the XML300 from the mains.

WARNING

When installing the HARNESS and PCB A16 you are working in the close vicinity of 110 VAC. To avoid an electrical shock disconnect the XML300 from the mains.

2. Take off the TOP COVER, REAR PANEL and SIDE PANELS.

3. Take out all MAGAZINES.

4. Rotate out PCB A1 and lift up PCB A8.

NOTE

Observe ESD procedures.

5. Open the CABLE DUCT in the MAGAZINE CHAMBER.

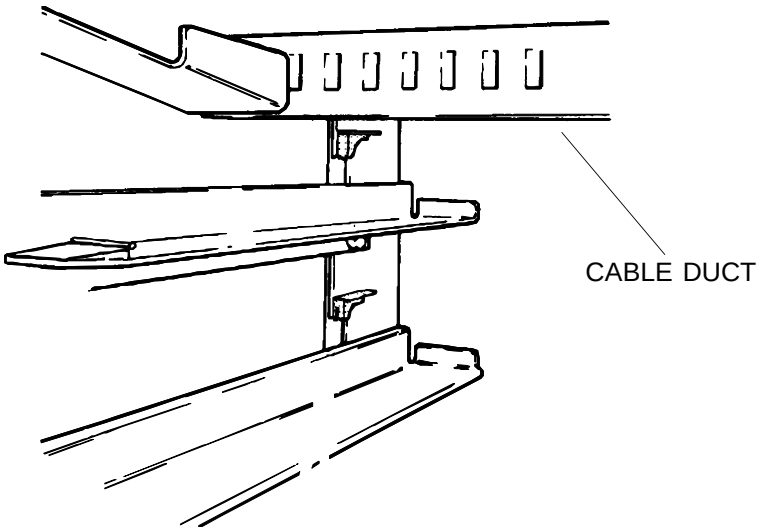


figure 2-1

6. Route the HARNESS through the CABLE DUCT. The end with the INSULATING TUBE must be on the same side as PCB A1.

7. Fix the HUMIDITY SENSOR with 2 large WIRE TIES to the front of the CABLE DUCT. Route its cable through the DUCT to the side of PCB A1.

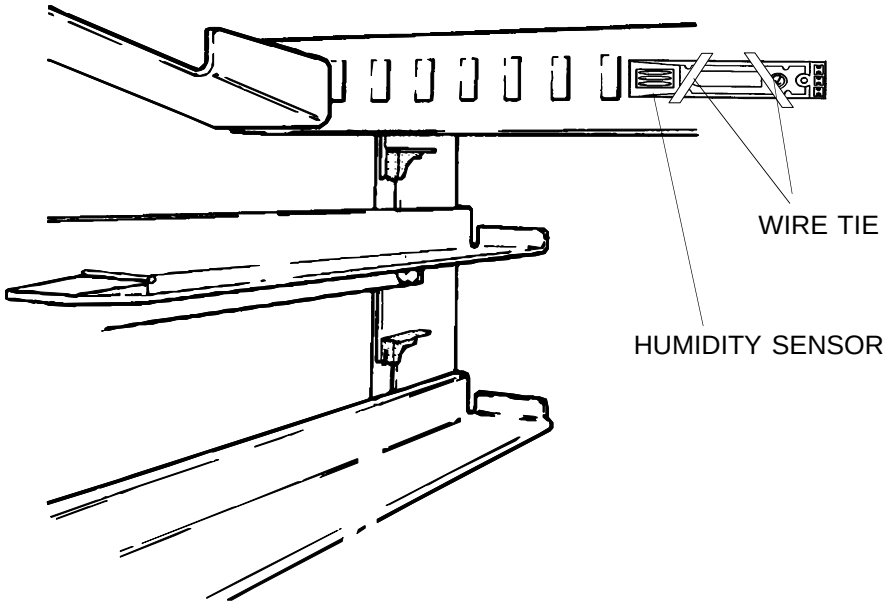


figure 2-2

8. Close the CABLE DUCT. Ensure that all wires are inside and not trapped by COVER.

9. Fix the HARNESS and the HUMIDIFIER CABLE to the existing HARNESS behind PCB A8.

10. Mount PCB A16 just to the left below the large HEAT SINK of PCB A8. PCB A16 is fixed with a VELCRO STRIP to the BASE PLATE of the XML300.

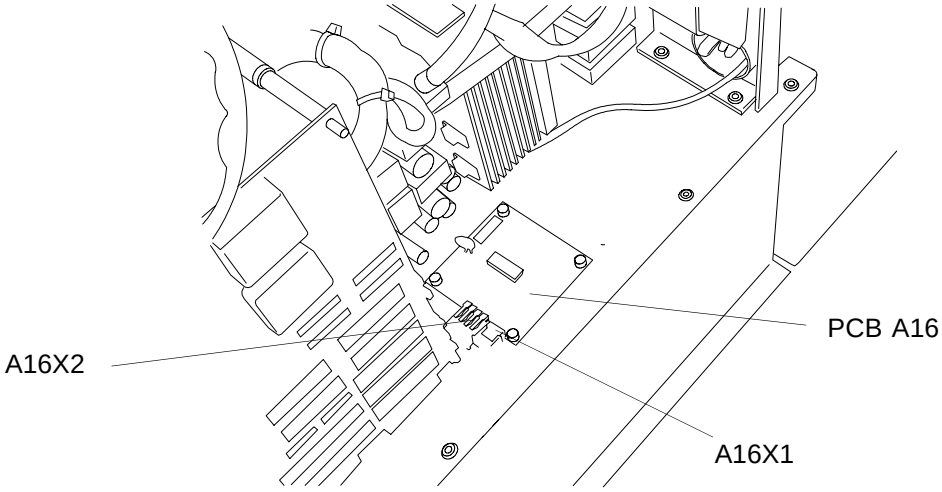


figure 2-3

11. Connect HARNESS CONNECTOR A16P2 to CONNECTOR A16X2 on PCB A16. Fig. 2-3.

12. Connect the HUMIDITY SENSOR(fig. 2-2) to A16X1 on PCB A16. Fig. 2-3.

13. Connect the HARNESS CONNECTOR A4X31 to the SOCKET A4X31 on PCB A4.

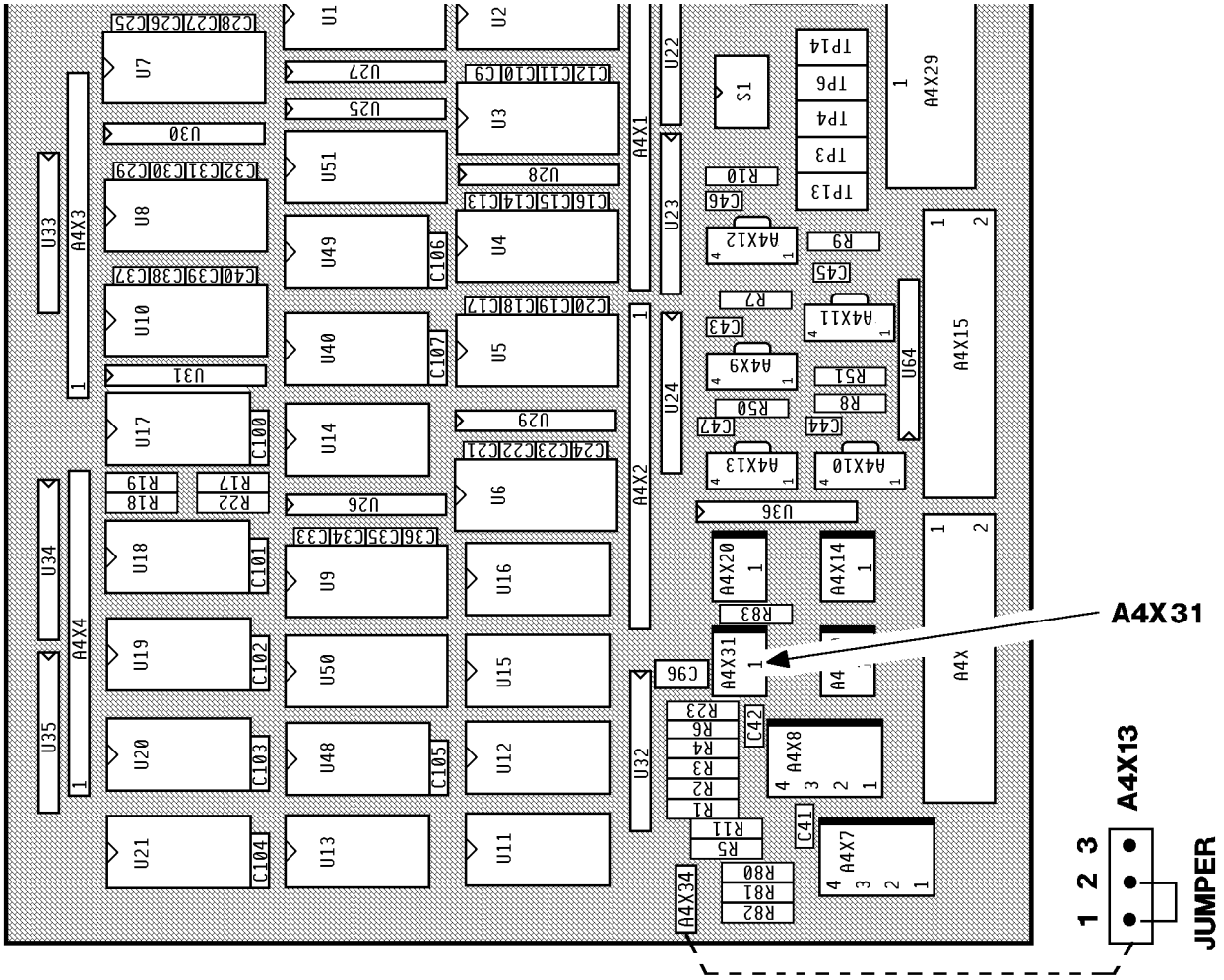


figure 2-4

14. Fix the HARNESS and the HUMIDITY SENSOR CABLE with WIRE TIES and SELF ADHESIVE WIRE TIE SOCKETS, so that they do not come into contact with the high voltage parts of PCB A8.

15. Take off the FRONT PANEL.

16. Replace the left-hand MANUAL DOOR RELEASE with the new one from the kit. See the drawing on the next page.

NOTE

The MANUAL DOOR RELEASE and the left-hand INPUT FLAP GUIDE are mounted with the same SCREW. Without taking off the FRONT PANEL it is not possible to take off the NUT which holds the MANUAL DOOR RELEASE.

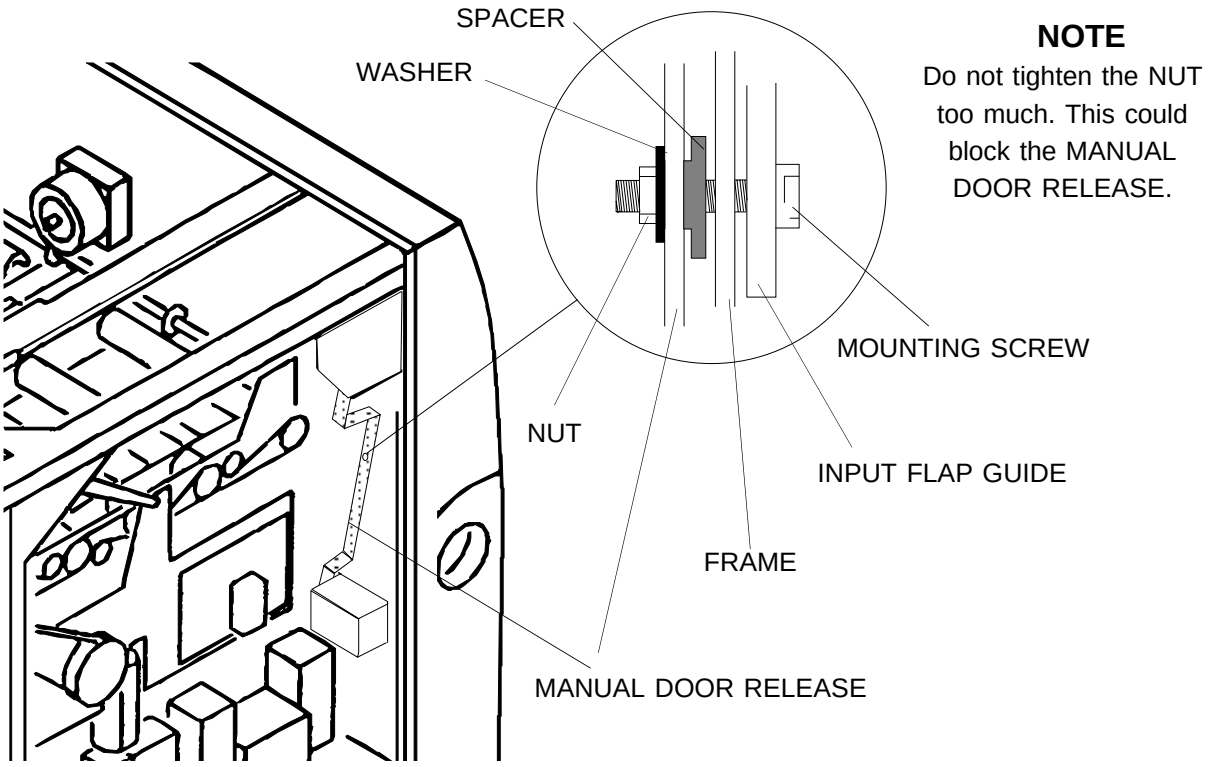


figure 2-5

17. Mount the FRONT PANEL.

18. Mount the FAN ASSEMBLY with 4 SCREWS. Ensure that the cut-out in its bottom plate is engaged with the XML300 FRAME.

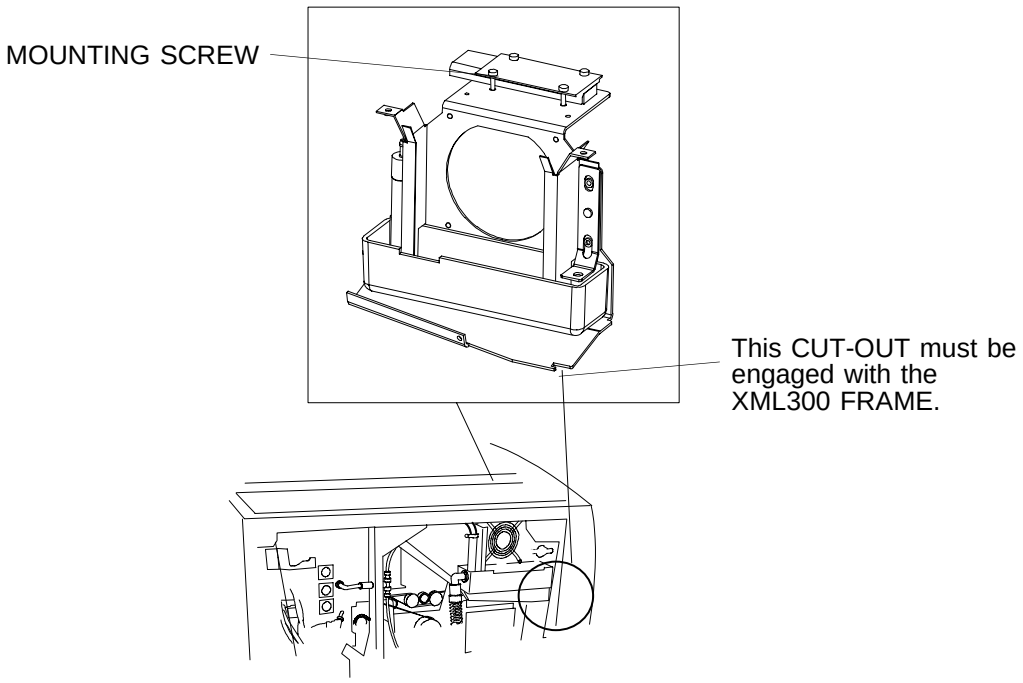


figure 2-6

19. Insert the WIRES and PINS from the LEVEL SENSOR into PINS 1 and 3 of the brown SOCKET of the HARNESS. See WIRING DIAGRAM figure 1-3. Fix the WIRES with a WIRE TIE and a SELF ADHESIVE WIRE TIE SOCKET to the HUMIDIFIER FRAME. See figure 2-7

20. Connect the brown SOCKET to the brown CONNECTOR.

21. Fix the RESISTOR with the CLAMP to the HUMIDIFIER FRAME.

NOTE

The HUMIDIFIER FRAME is used as a HEAT SINK for the RESISTOR.

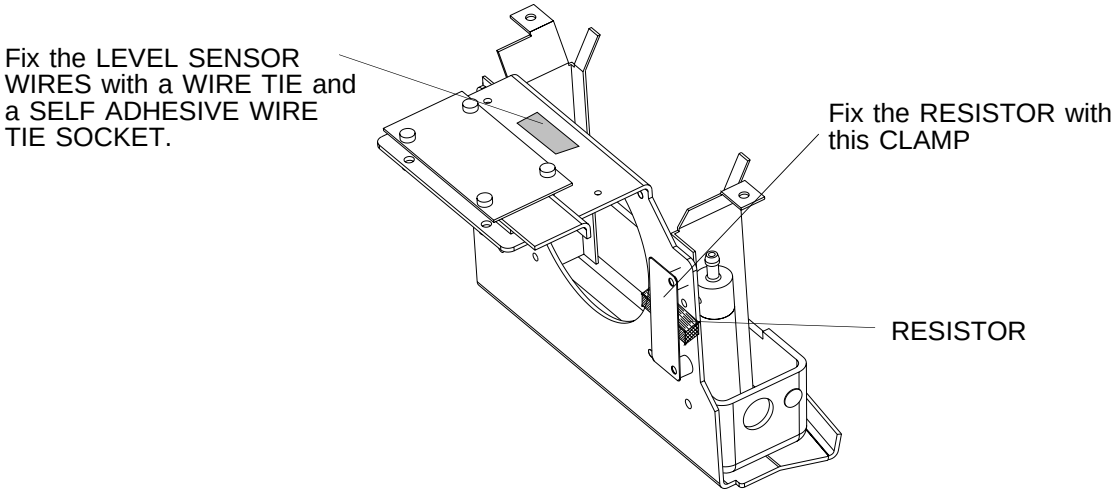


figure 2-7

22. Connect the HUMIDIFIER GROUND WIRE to the GROUND SCREW to the right of the COMPRESSOR.

NOTE

The NUT of the GROUND SCREW and a STAR WASHER are in the PROCESSOR CHAMBER. Ensure that they do not fall into the PROCESSOR.

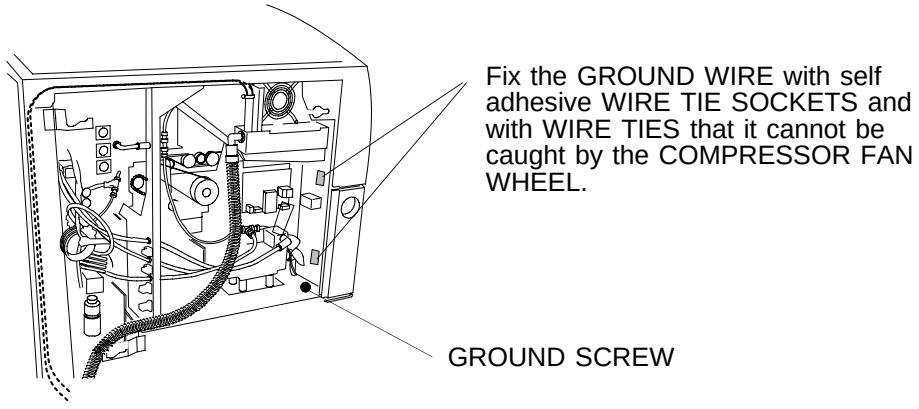


figure 2-8

23. Fix the HARNESS, installed in step 6, with a WIRE TIE to the BRACKET below the HUMIDIFIER.

CAUTION

ENSURE that the HARNESS cannot be caught by the CASSETTE TRANSPORT BELTS.

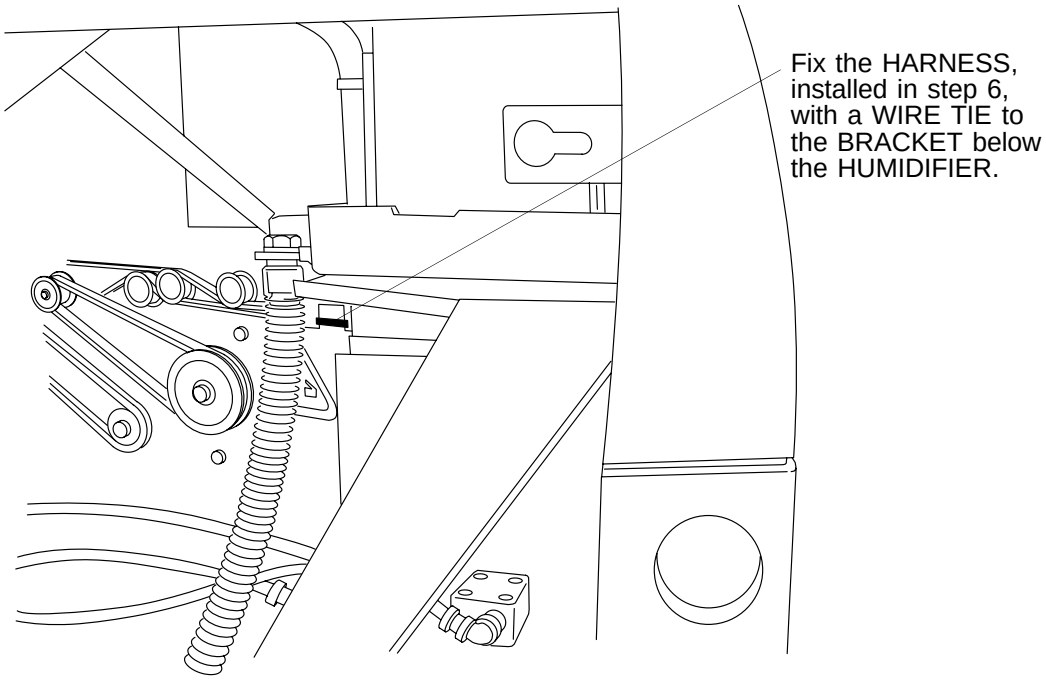


figure 2-9

24. Take off the RIVET. To take it out use a hammer and a chisel.

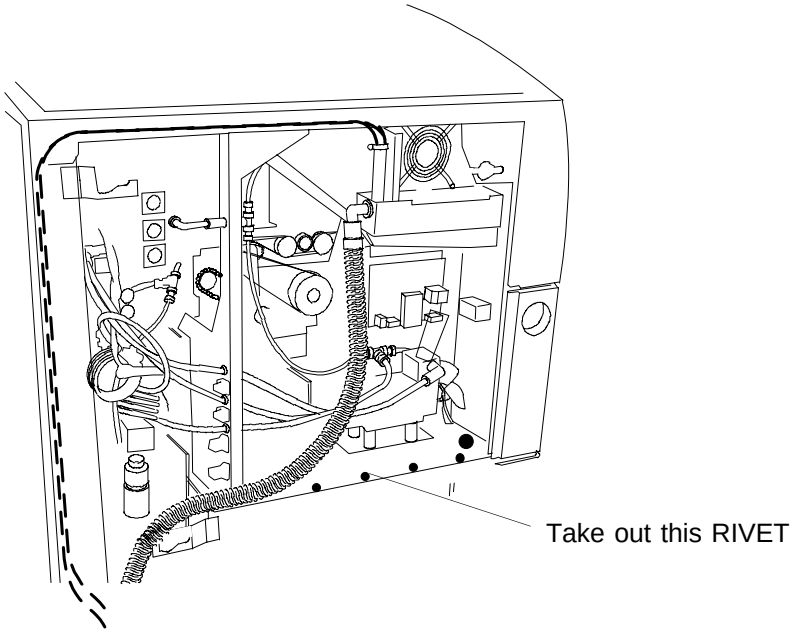


figure 2-10

25. Mount the BASE of the OVERFLOW with a SCREW M4x12.

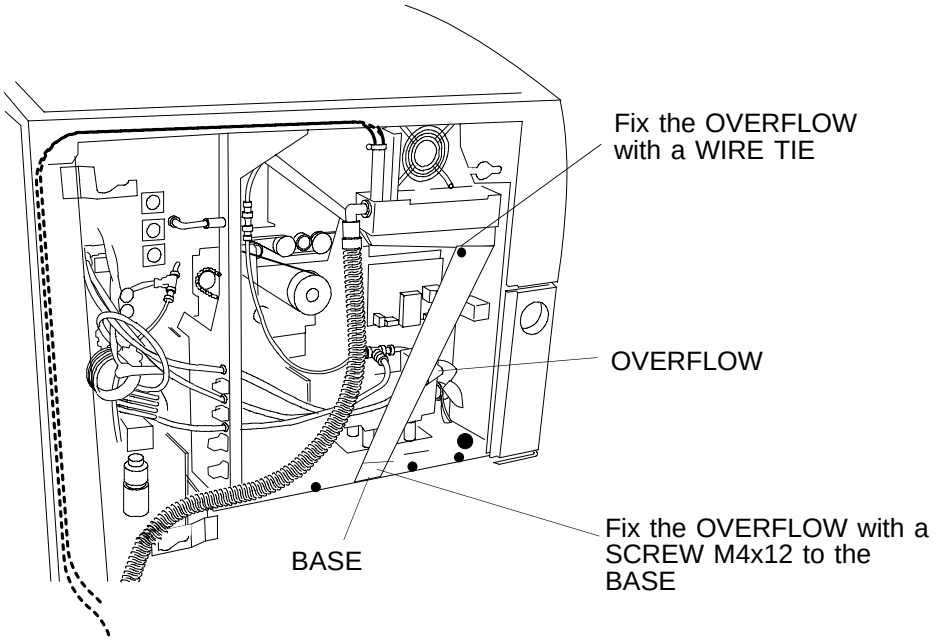


figure 2-11

26. Insert the OVERFLOW and fix it with a WIRE TIE at the top and with a SCREW M4x12 to the BASE.

27. Mark the positions for the 2 holes onto the BASE PLATE and drill 2 holes 3 mm diameter.

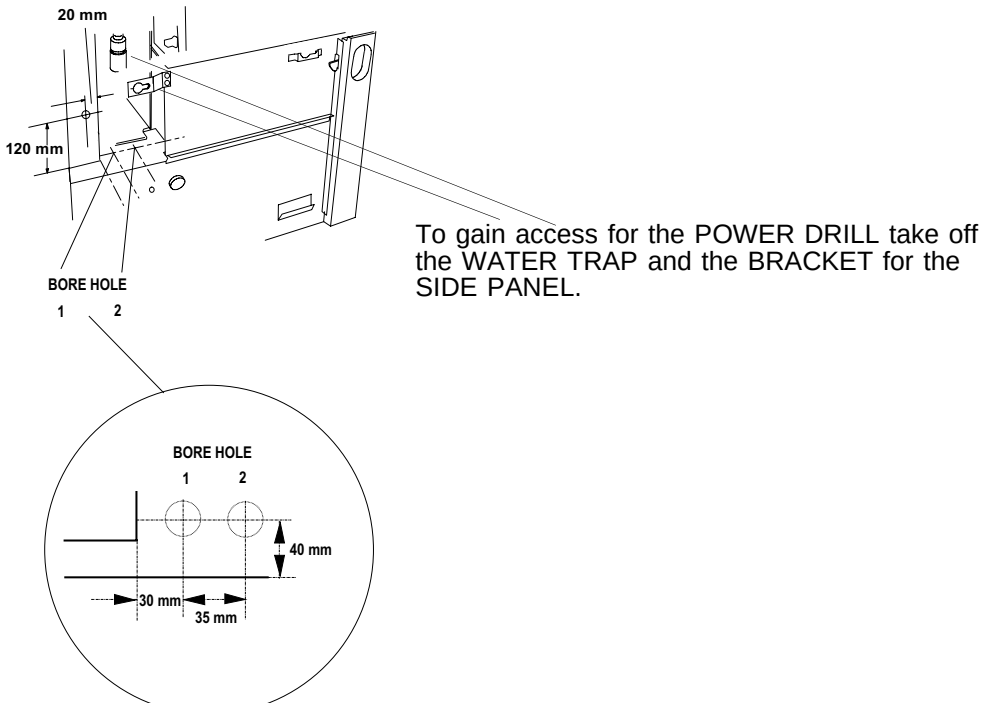


figure 2-12

28. Cut both holes with the HOLE CUTTER 30 mm.

NOTE

To ease the cutting of the 30 mm holes, lubricate the tips of the HOLE CUTTER with oil.

29. **SMOOTHEN THE SHARP EDGES OF THE 2 HOLES WITH A FILE. NO SHARP EDGES ARE ALLOWED TO PREVENT THE WATER HOSES FROM BEING CUT. TAKE OUT ALL DRILL FILINGS. If you took off WATER TRAP and SIDE PANEL BRACKET in step 27, install them now.**

30. Place the GROMMET STRIP at the hole for the WATER PRESSURE HOSE. The GROMMET STRIP prevents the WATER PRESSURE HOSE from being cut. See figure 2-14.

31. Route the WATER PRESSURE HOSE and the HARNESS (with CONNECTOR V1) along the FRAME to the rear and down through the CABLE DUCT. Mount the EDGE PROTECTORS to the FRAME. See figure 2-13 and 2-14

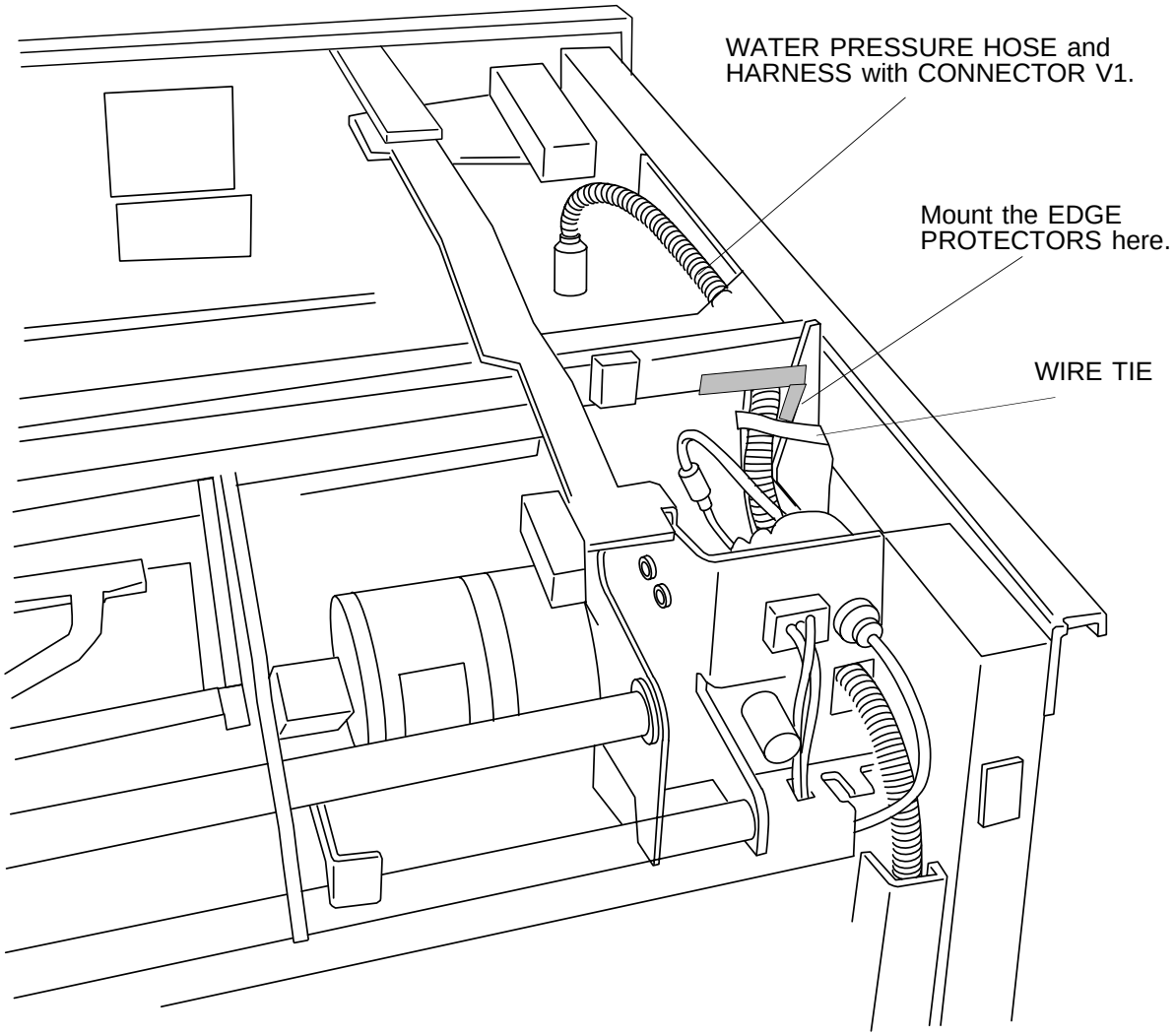


figure 2-13

32. Connect the DRAIN HOSE to the HUMIDIFIER and secure it with a HOSE CLAMP.

33. Route the DRAIN HOSE to the rear of the XML300. Route the PRESSURE HOSE and the HARNESS through the left-hand hole and the DRAIN HOSE through the right-hand hole down to the PROCESSOR area. Place the GROMMET STRIP at the hole for the DRAIN HOSE. Do this **after** the DRAIN HOSE is routed through the hole in the BASE PLATE.

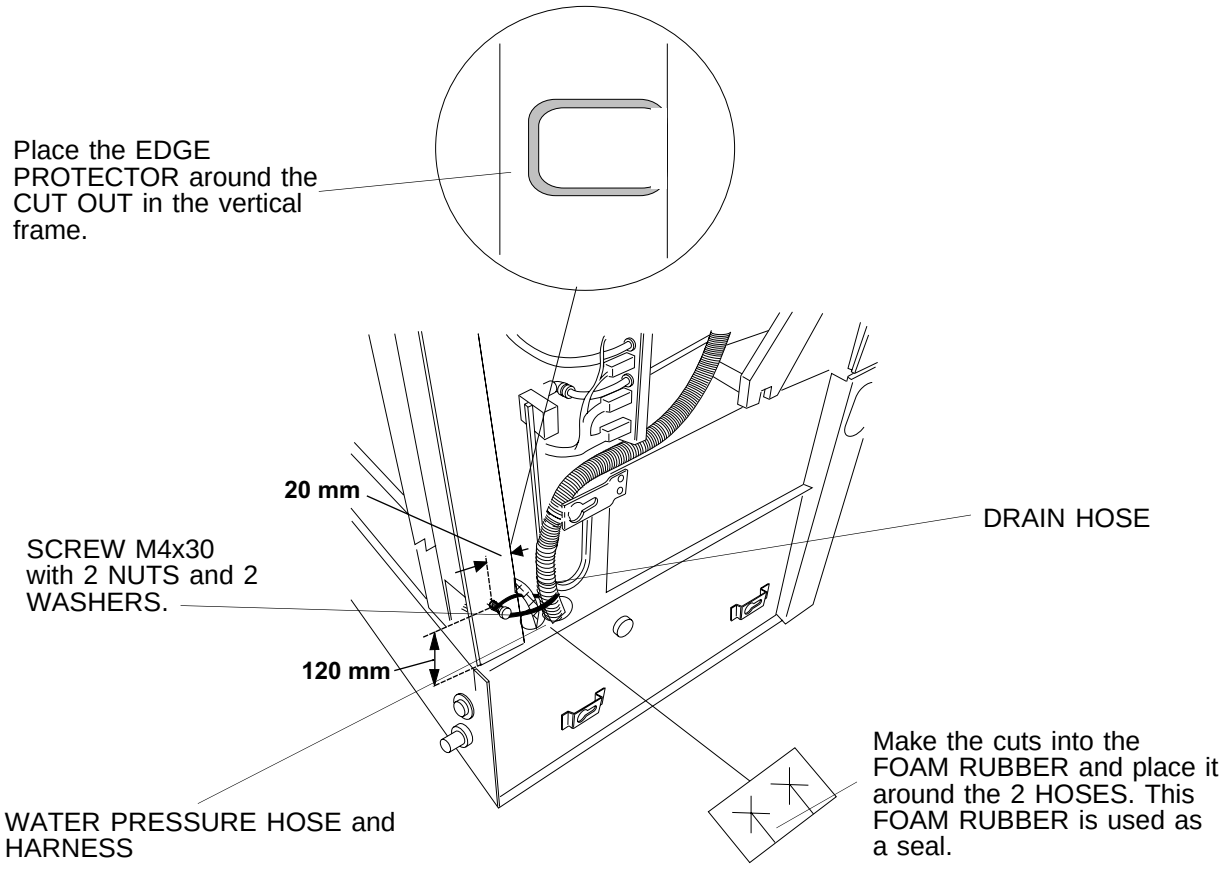


figure 2-14

34. Drill a hole 5 mm into the FRAME and mount the SCREW M4x30 with 2 NUTS and 2 WASHERS. Fix the DRAIN HOSE with a WIRE TIE to this SCREW. This ensures that the DRAIN HOSE does not come in contact with moving parts. See figure 2-14.

CAUTION

Take care when drilling the hole. There might be PCB A11 (Modification 6) behind.

35. Replace the existing FITTING PLATE (see figure 2-15) with the FITTING PLATE from the MOD-KIT. There is not enough space between the FITTINGS to install the new TWIN WATER VALVE between them. Therefor the new altered FITTING PLATE has to be installed. Discard the old SINGLE WATER VALVE.

NOTE

Do not flood the customer premises.

36. Install the TWIN WATER VALVE. See figure 2-15.

37. Connect the black WIRE from the new HARNESS to one TERMINAL of the **top** WATER VALVE V1. This is the WATER VALVE for the HUMIDIFIER. Connect the red WIRE with the 56 Ω RESISTOR in line, to the other TERMINAL of V1. See figure 2-15.

CAUTION

If the 56 Ω RESISTOR is not in line with the WATER VALVE COIL V1, the COIL will become overheated and after a short time it will fail.

38. Connect the separate 56 Ω RESISTOR from the KIT to one TERMINAL from the **bottom** WATER VALVE V2. This is the WATER VALVE for the PROCESSOR. Connect the other end of the RESISTOR to the existing harness.

CAUTION

If the RESISTOR 56 Ω is not in line with the WATER VALVE COIL V2, the COIL will become overheated and after a short time it will fail.

39. Connect the WATER PRESSURE HOSE to V1 of the TWIN WATER VALVE. Secure the hose with a HOSE CLAMP. As in figure 2-15.

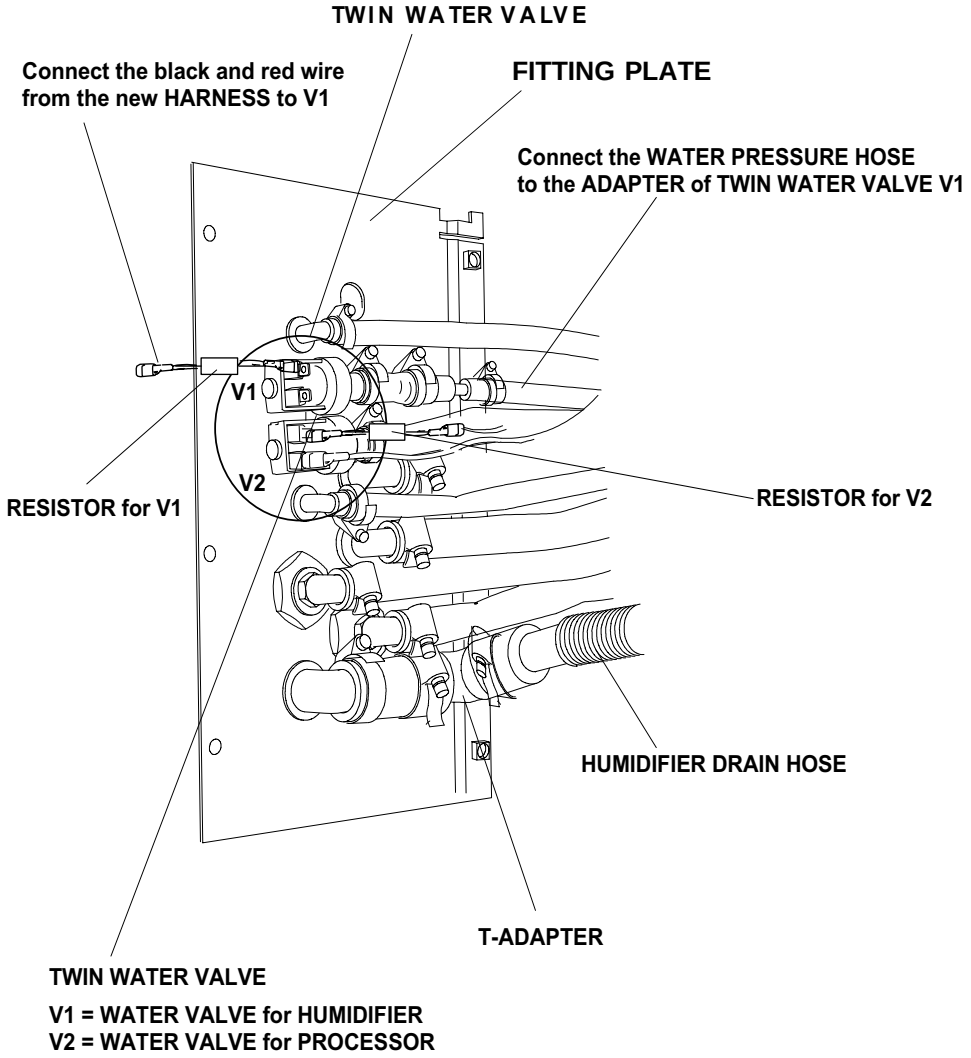


figure 2-15

40. Take the PROCESSOR DRAIN HOSE off the ELBOW FITTING.

41. Cut 2 pieces 70 mm long from the PROCESSOR DRAIN HOSE. Discard one.

WARNING

Be careful when cutting the DRAIN HOSE. Do not cut into your hand.

42. Mount the 70 mm piece to the ELBOW FITTING and secure it with a HOSE CLAMP.

43. Mount the T-FITTING to the open end of the 70 mm piece. Secure it with a HOSE CLAMP.

44. Mount the PROCESSOR DRAIN HOSE to the other end of the T-FITTING. Secure it with a HOSE CLAMP.

45. Mount the HUMIDIFIER DRAIN HOSE to the upper opening of the T-FITTING. Secure it with a HOSE CLAMP.

46. Fix the T-FITTING with a WIRE TIE to the HOSE SUPPORT.

47. Fix the new HARNESS of the TWIN WATER VALVE to the existing one. Carefully bend both RESISTORS inside, so that they do not come in contact with the frame when the FITTING PLATE is mounted.

48. **Ensure that all HOSE CLAMPS are tight**.

49. Modify the left-hand SIDE PANEL. See CHAPTER 4.

CHAPTER 3

INSTALLATION of MOD 42 (PN 9226506) for XML300 with SN > 3000 and XML 300 Plus

1. Disconnect the XML300/300 Plus from the mains.

WARNING

When installing the HUMIDITY SENSOR and PCB A16 you are working in the close vicinity of 110 VAC. To avoid an electrical shock disconnect the XML300 from the mains.

2. Take off the TOP COVER, REAR PANEL and SIDE PANELS.

3. Take out all MAGAZINES.

4. Rotate out PCB A1 and lift up PCB A8.

NOTE

Observe ESD procedures.

5. Open the CABLE DUCT in the MAGAZINE CHAMBER.

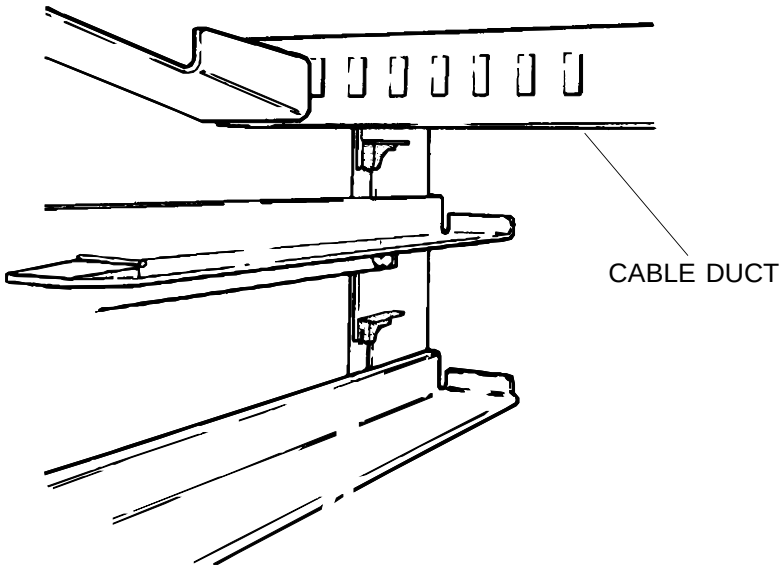


figure 3-1

6. Fix the HUMIDITY SENSOR with 2 large WIRE TIES to the front of the CABLE DUCT. See figure 3-2. Route its cable through the DUCT to the side of PCB A1.

7. Close the CABLE DUCT. See figure 3-2. Ensure that all wires are inside and not trapped by cover.

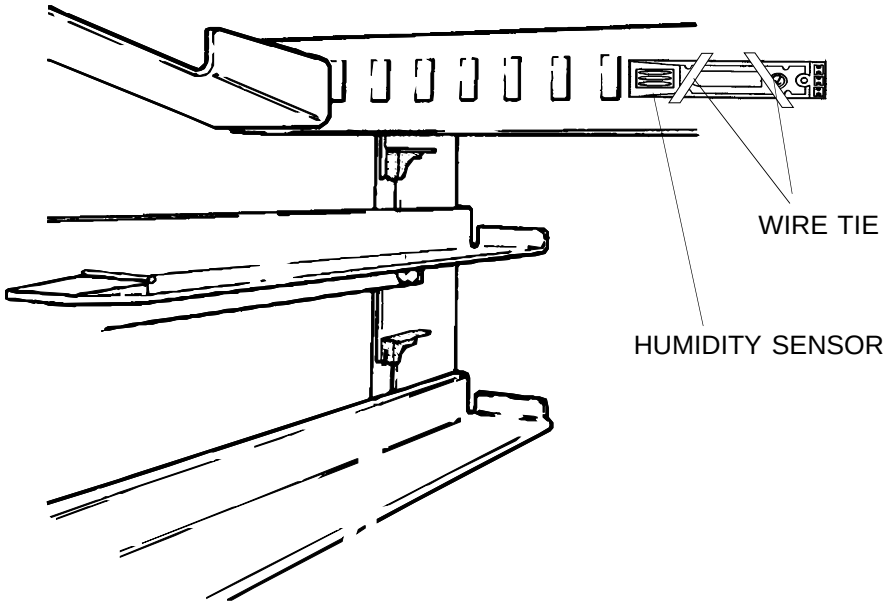


figure 3-2

8. Fix the HUMIDIFIER CABLE to the existing HARNESS behind PCB A8.

9. Mount PCB A16 just to the left below the large HEAT SINK of PCB A8. PCB A16 is fixed with a VELCRO STRIP to the BASE PLATE of the XML300/300 Plus.

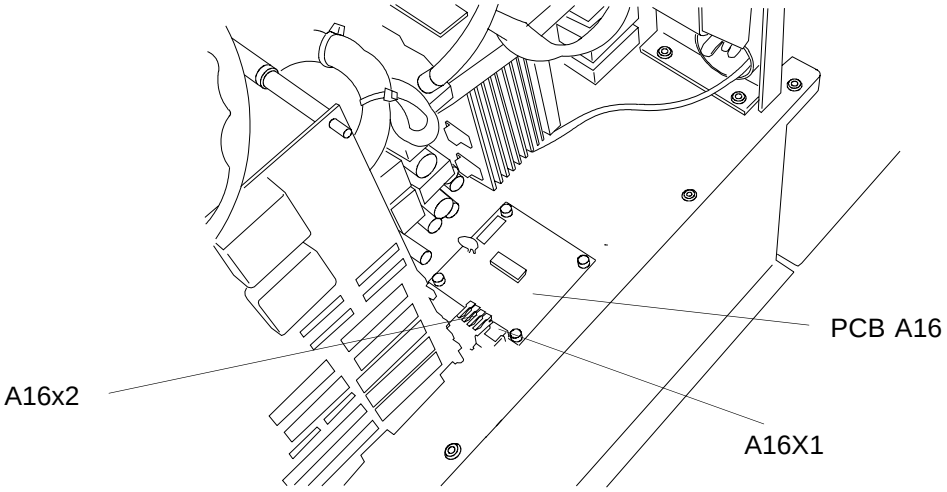


figure 3-3

10. Connect HARNESS CONNECTOR A16P2 to CONNECTOR A16X2 on PCB A16. Fig. 3-3

11. Connect the HUMIDITY SENSOR (fig. 3-2) to A16X1 on PCB A16. Fig. 3-3

12. Connect the HARNESS CONNECTOR A4X31 to the SOCKET A4X31 on PCB A4. Fig. 3-4.

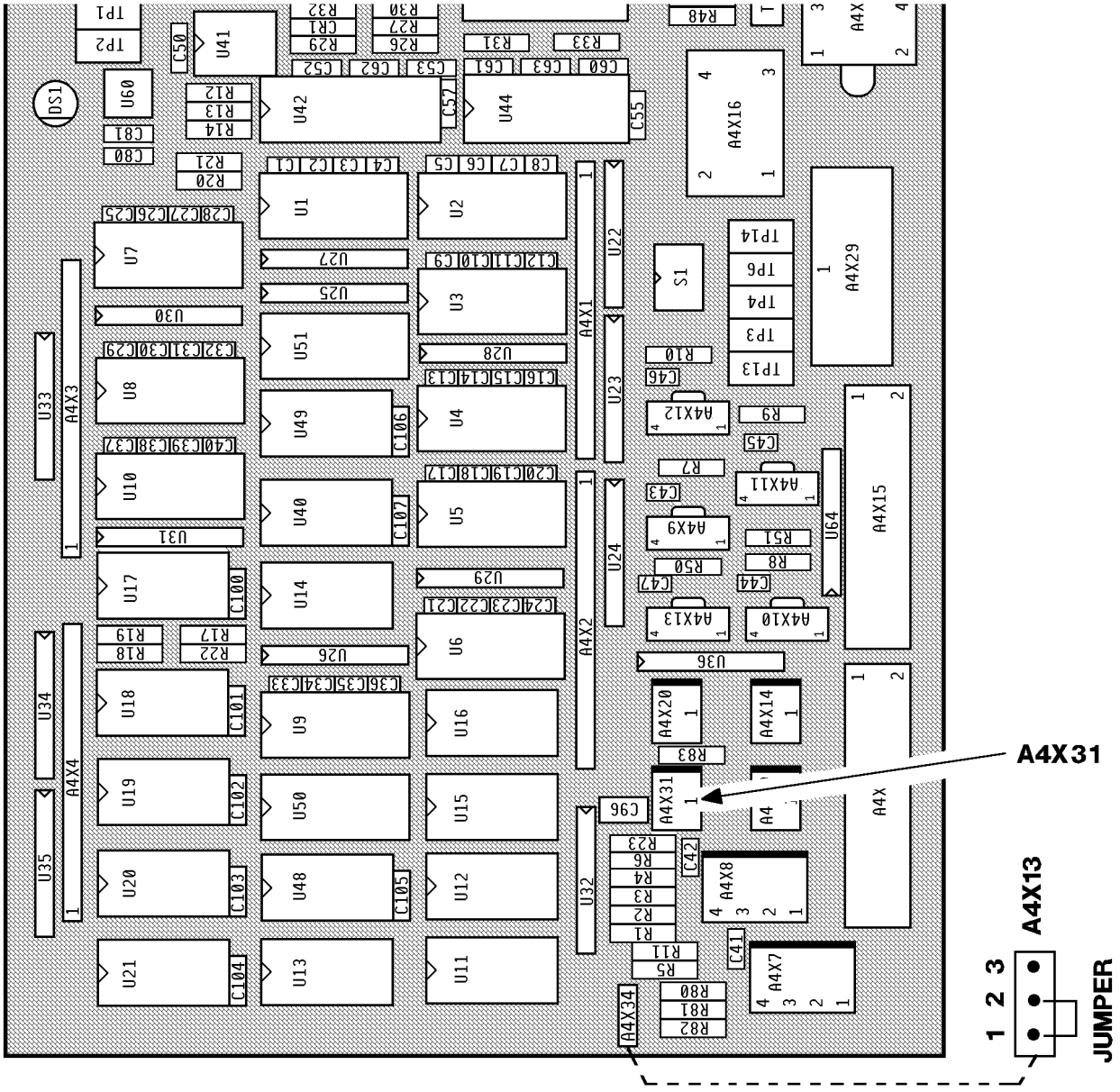


figure 3-4

13. Fix the HARNESS and the HUMIDITY SENSOR CABLE with WIRE TIES and SELF ADHESIVE WIRE TIE SOCKETS, so that they do not come in contact with the high voltage parts of PCB A8.

14. Mount the FAN ASSEMBLY with 4 SCREWS. Ensure that the cut-out in its bottom plate is engaged with the XML300/300 Plus FRAME.

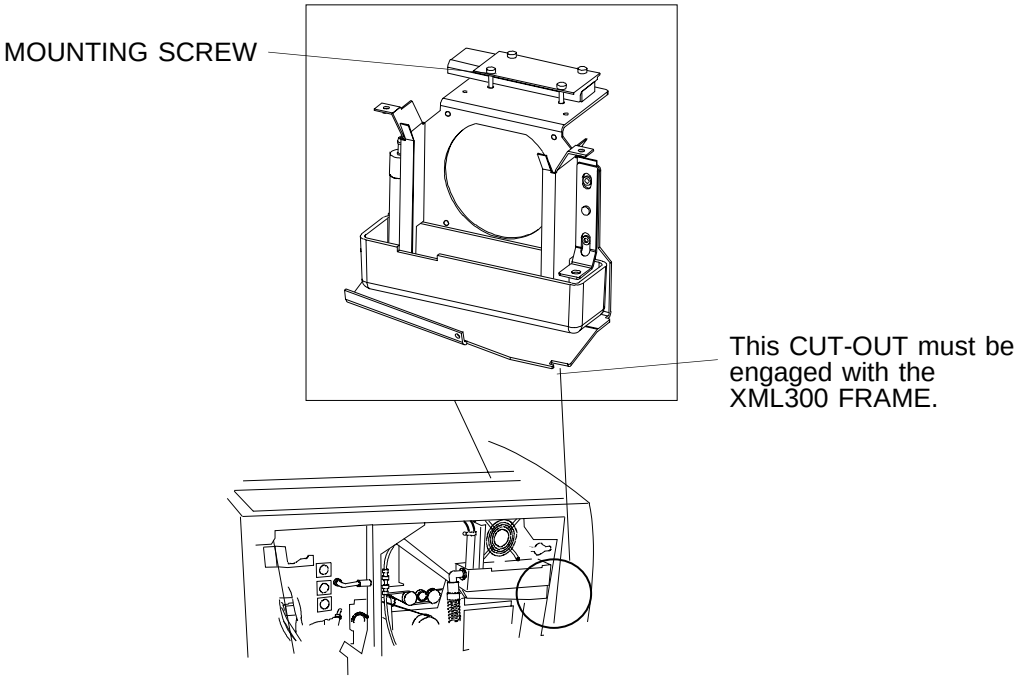


figure 3-5

15. Insert the WIRES and PINS from the LEVEL SENSOR into PINS 1 and 3 of the brown SOCKET of the HARNESS. See the WIRING DIAGRAM figure 1-3. Fix the WIRES with a WIRE TIE and a SELF ADHESIVE WIRE TIE SOCKET to the HUMIDIFIER FRAME.

16. Connect the brown SOCKET to the brown CONNECTOR.

17. Fix the 27 Ω RESISTOR with the CLAMP to the HUMIDIFIER FRAME.

NOTE

The RESISTOR becomes very hot. The HUMIDIFIER FRAME is used as a HEAT SINK.

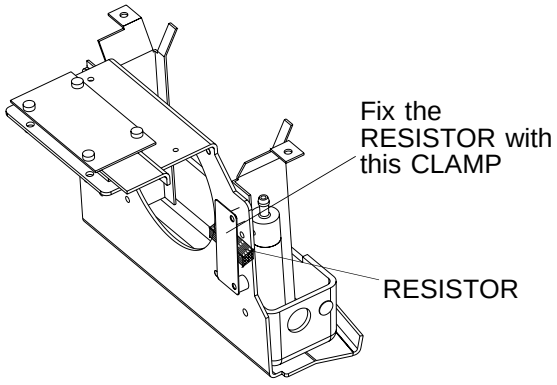


figure 3-6

18. Connect the HUMIDIFIER GROUND WIRE to the GROUND CONNECTOR to the right of the COMPRESSOR.

NOTE

The NUT of the GROUND SCREW and a STAR WASHER are in the PROCESSOR CHAMBER. Ensure that they do not fall into the PROCESSOR.

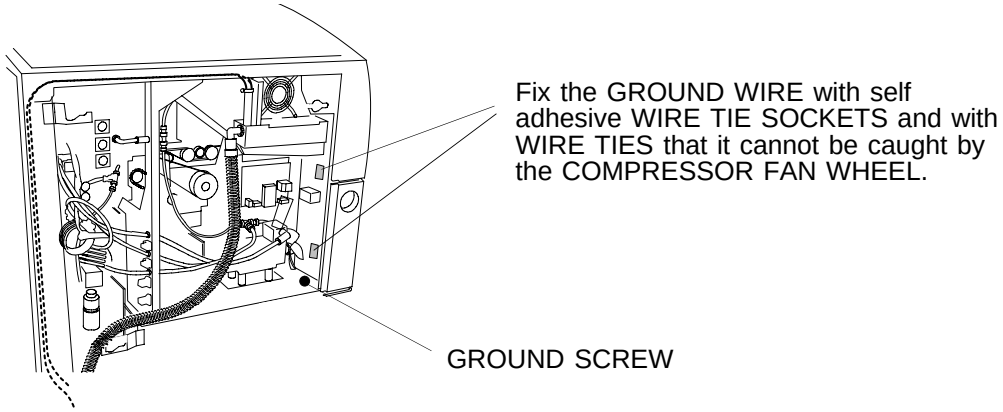


figure 3-7

19. Insert the OVERFLOW and fix it with a WIRE TIE at the top and with a SCREW M4x12 at the bottom.

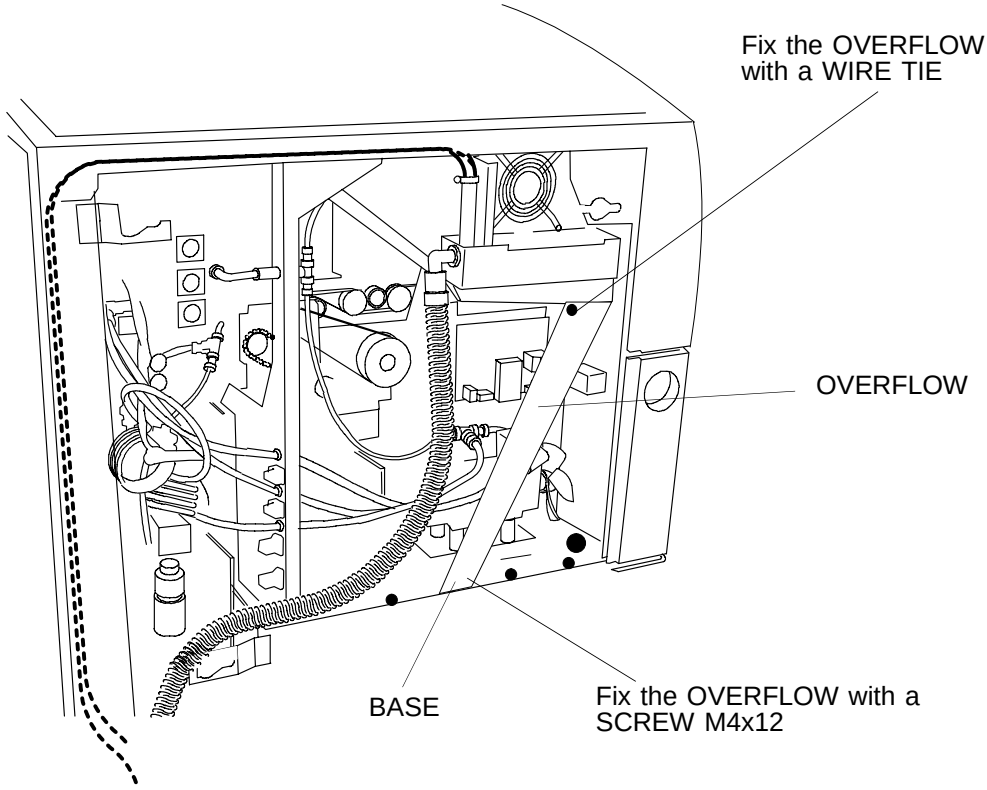


figure 3-8

20. Route the WATER PRESSURE HOSE along the FRAME to the rear and down through the CABLE DUCT.

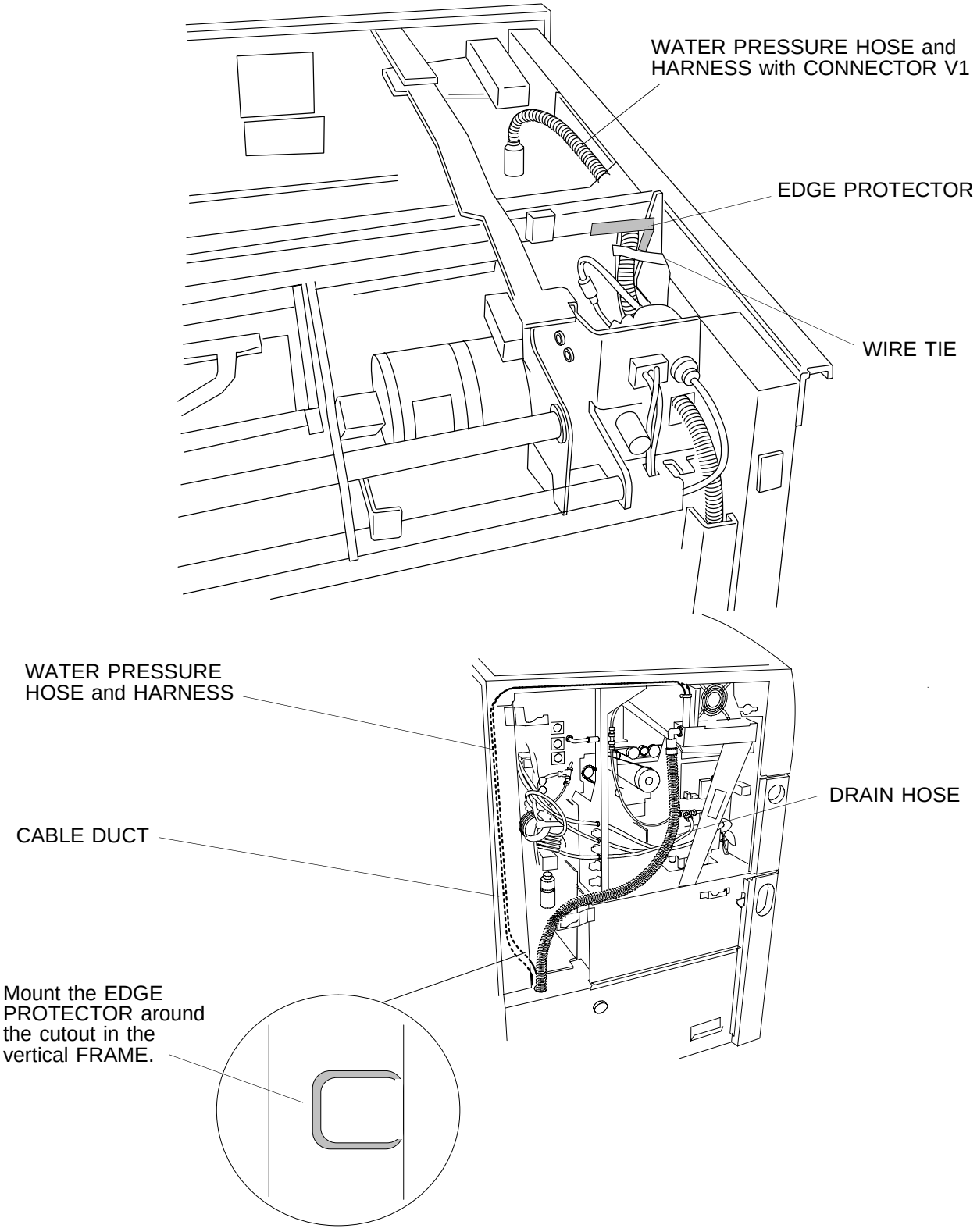


figure 3-9

21. Connect the DRAIN HOSE to the HUMIDIFIER and secure it with a HOSE CLAMP. See figure 3-9 on the previous page.

22. The RESISTOR for the WATER VALVE V1 and the 2 wires (red and black) are in the vertical CABLE DUCT to the right of the FILM CHUTE. Take RESISTOR with black and red WIRES out of the CABLE DUCT and route them through the round hole below the CABLE DUCT. See figure 3-9 on the previous page.

23. Take off the FITTING PLATE. See figure 3-11.

24. Route the DRAIN HOSE to the rear of the XML300/300 Plus. Route the DRAIN HOSE, the WATER PRESSURE HOSE and the HARNESS with RESISTOR through the round CUT-OUT, sealed with FOAM RUBBER, down to the PROCESSOR area.

NOTE

Do not take off the FOAM RUBBER. The FOAM RUBBER is used as a SEAL. Make 2 cuts into it and then route through the hoses and harness.

25. Drill a hole 5 mm into the FRAME and mount the SCREW M4x30 with 2 NUTS and 2 WASHERS. Fix the DRAIN HOSE with a WIRE TIE to this SCREW. This ensures that the DRAIN HOSE does not come in contact with moving parts.

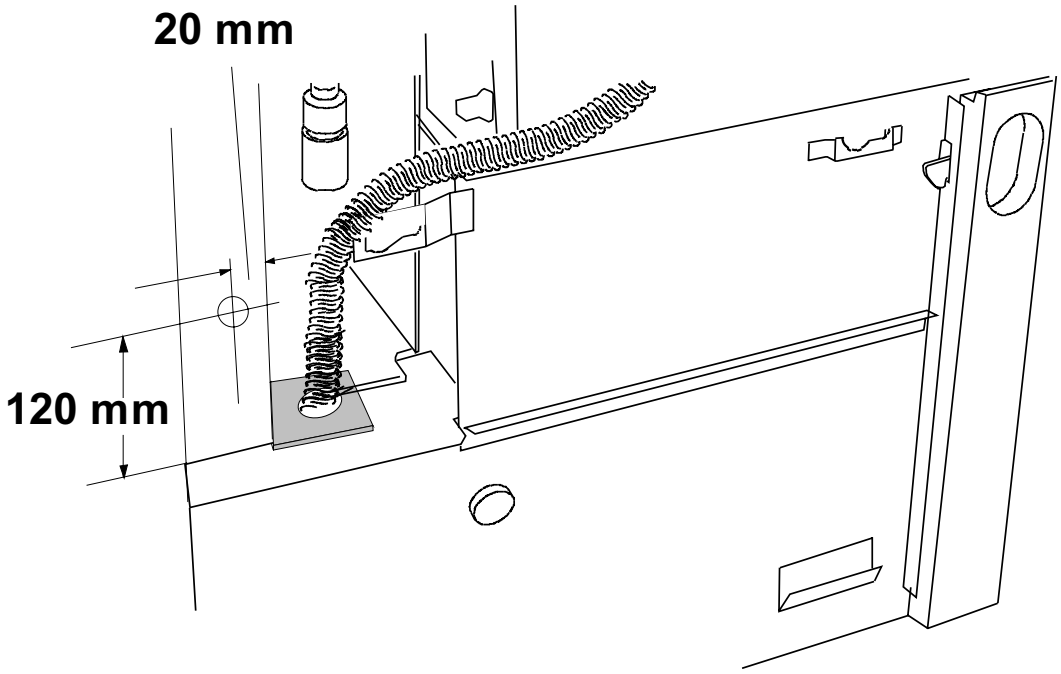


figure 3-10

26. Connect the WATER PRESSURE HOSE to V1 of the TWIN WATER VALVE. Secure the hose with a HOSE CLAMP. See figure 3-11 on the next page.

27. Connect the black WIRE from the HARNESS to one TERMINAL of the **top** WATER VALVE V1. This is the WATER VALVE for the HUMIDIFIER. Connect the red WIRE with the 56 Ω RESISTOR in line, to the other TERMINAL of V1.

CAUTION

If the 56 Ω RESISTOR is not in line with the WATER VALVE COIL V1, the COIL will become overheated and after a short time it will fail.

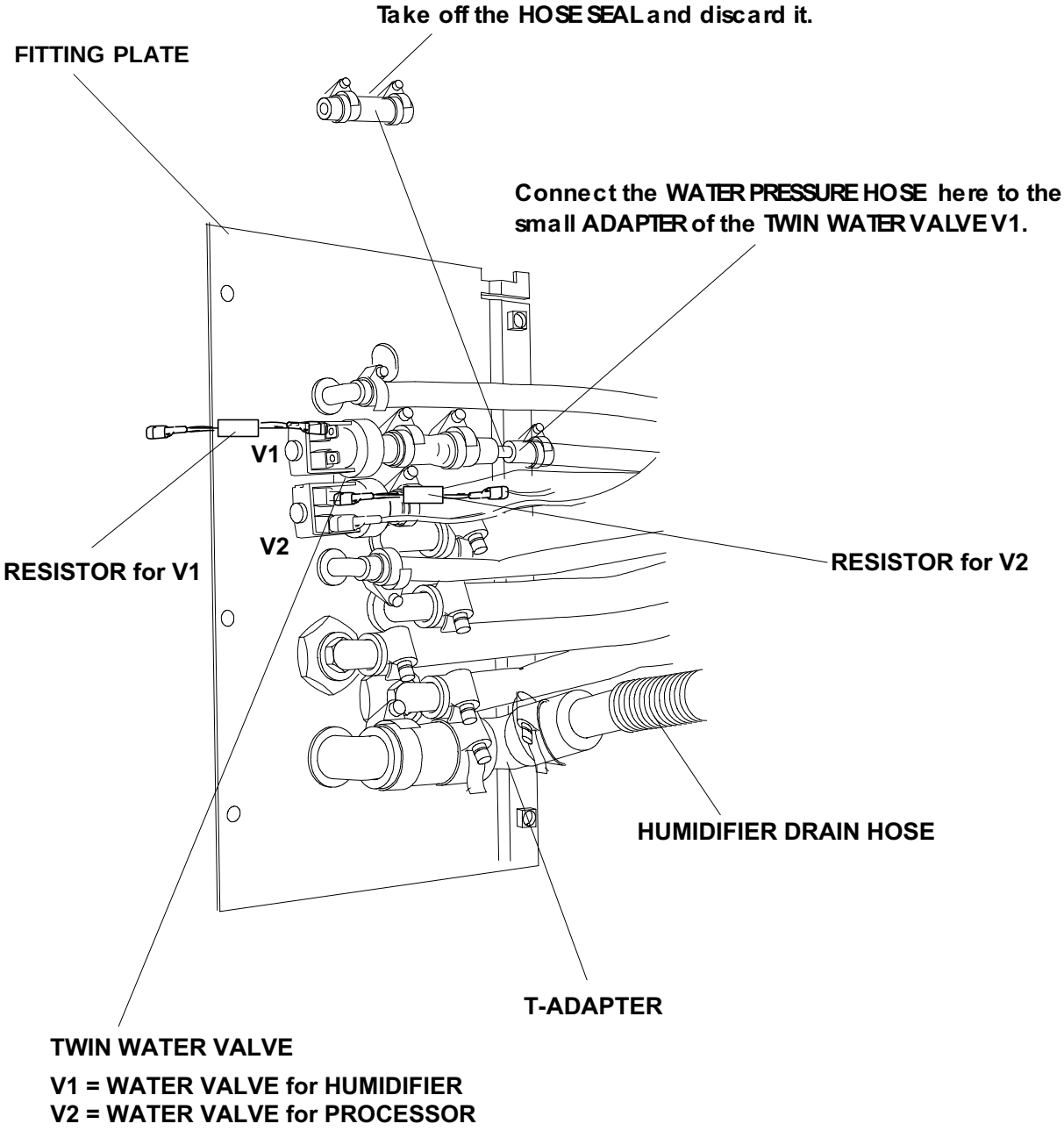


figure 3-11

28. Take off the CAP of the T-FITTING and discard the CAP. Mount the PROCESSOR DRAIN HOSE to the T-FITTING. Secure it with a HOSE CLAMP.

29. Fix the new HARNESS of the TWIN WATER VALVE to the existing one. Carefully bend both RESISTORS inside, so that they do not come in contact with the frame when the FITTING PLATE is mounted.

30. Ensure that all HOSE CLAMPS are tight.

31. Modify the left-hand SIDE PANEL. See CHAPTER 4.

CHAPTER 4

ALTERING THE LEFT-HAND SIDE PANEL

The left-hand SIDE PANEL must be altered to allow the replacement of the HUMIDIFIER FILTER CARTRIDGE without taking off the PANELS.

1. Take off the protective sheet from the self adhesive TEMPLATE.

2. Place the TEMPLATE onto the left-hand SIDE PANEL.

NOTE

Ensure that the REGISTRATION LINES are placed correctly at the edges of the SIDE PANEL.

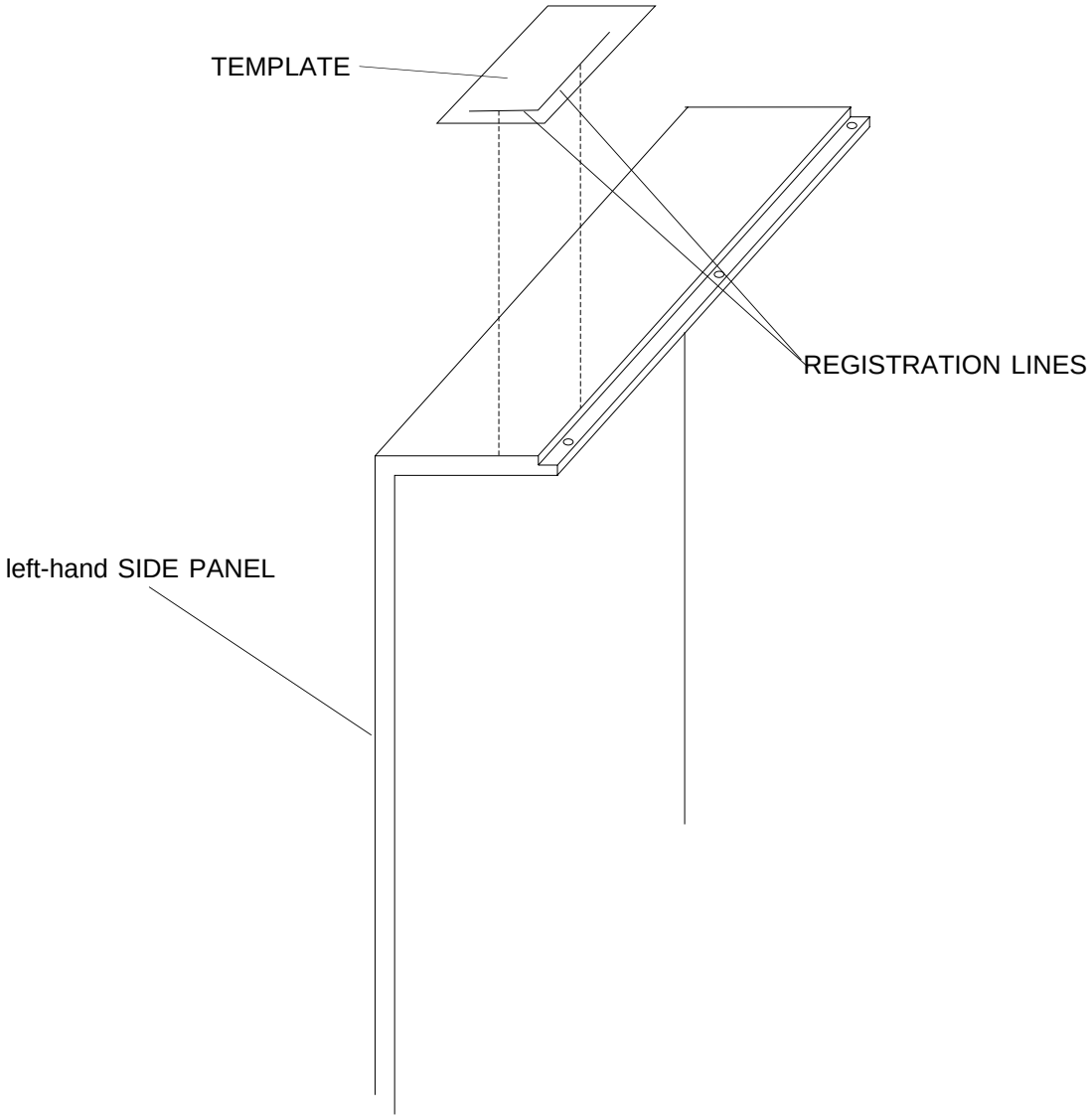


figure 4-1

3. Drill with a 8mm DRILL BIT a hole at each of the 4 indicated positions.

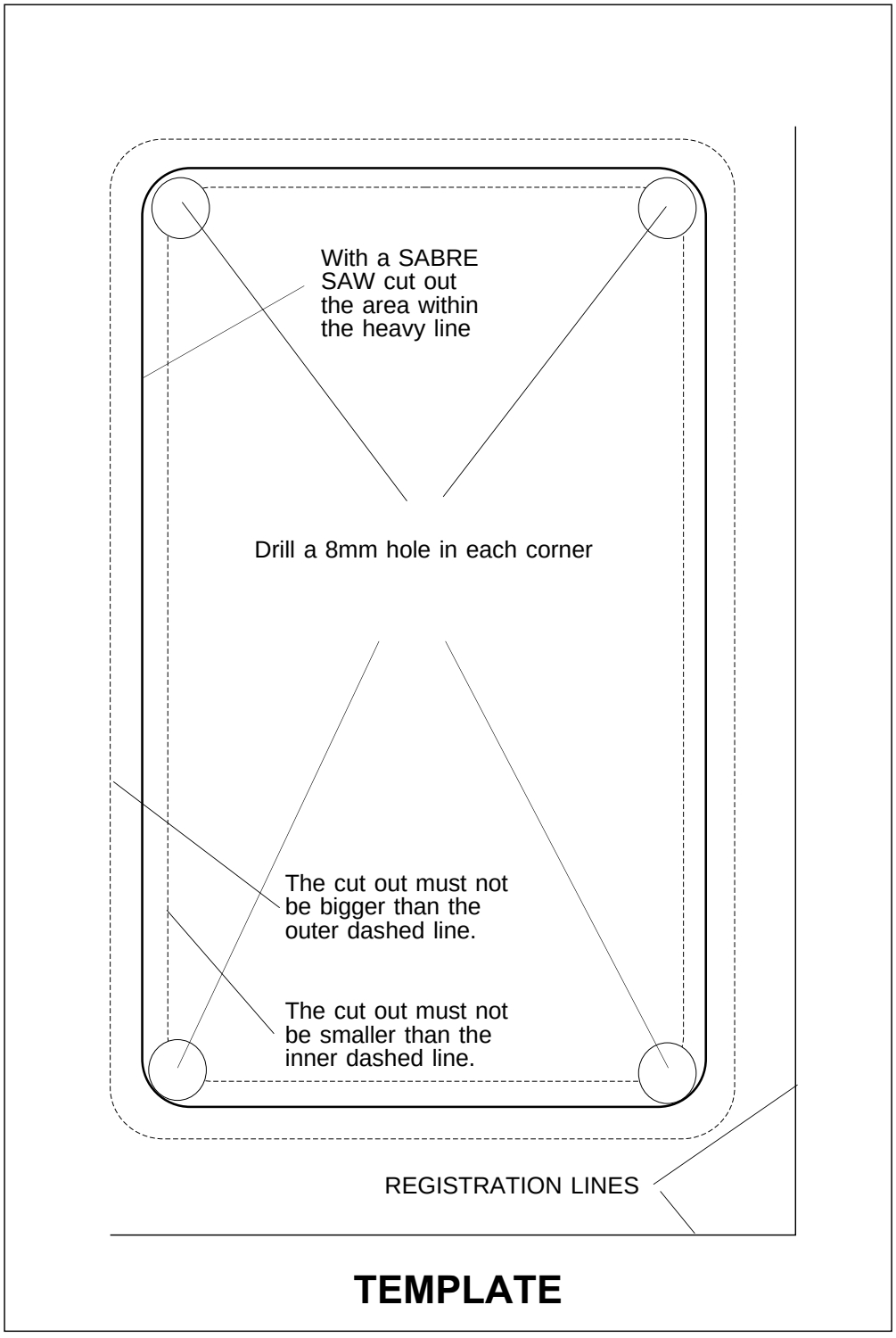


figure 4-2

4. With a SABRE SAW cut out the area within the heavy line. Do not make the cut-out larger or smaller than the indicated 2 dashed lines.

5. Fix the FILTER CARTRIDGE ACCESS FRAME with 6 SCREWS to the FILTER CARTRIDGE ACCESS MOUNTING PLATE.

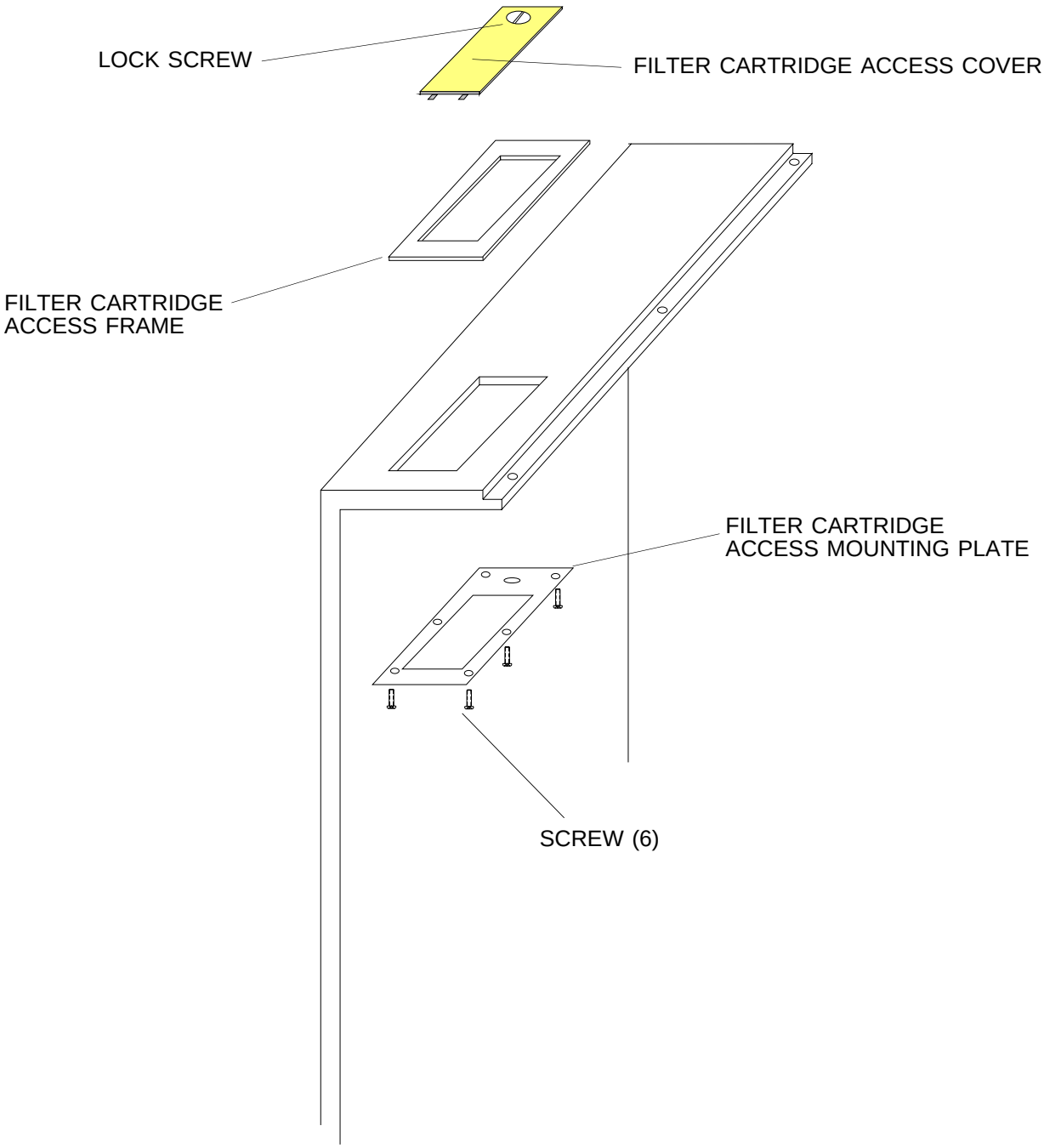


figure 4-3

6. Place the BIOLOGICAL GROWTH LABEL at the inner side of the FILTER CARTRIDGE ACCESS COVER. See figure 4-4 on the next page.

7. Take off the indicated REINFORCEMENT RIB of the left-hand SIDE PANEL. See figure 4-5 on the next page.

8. Proceed with the FINAL TEST chapter 5.

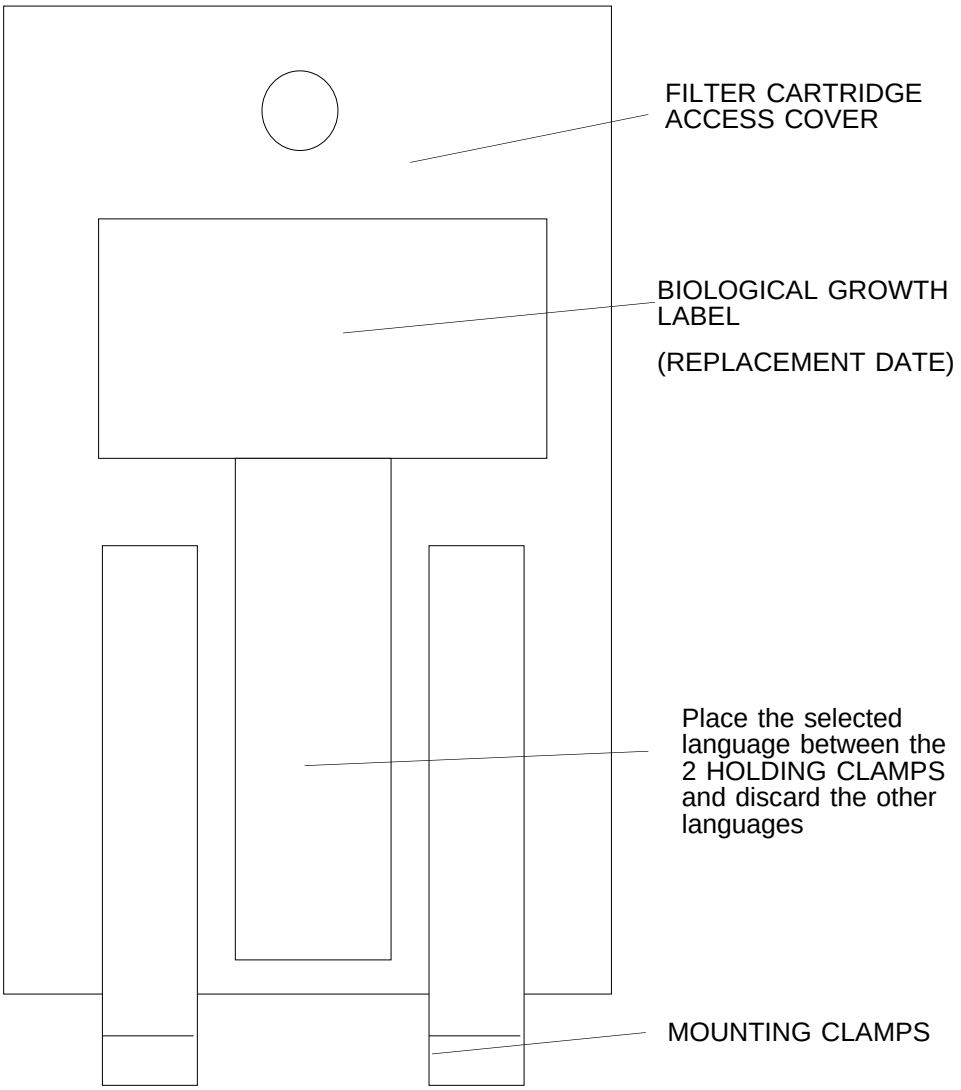


figure 4-4

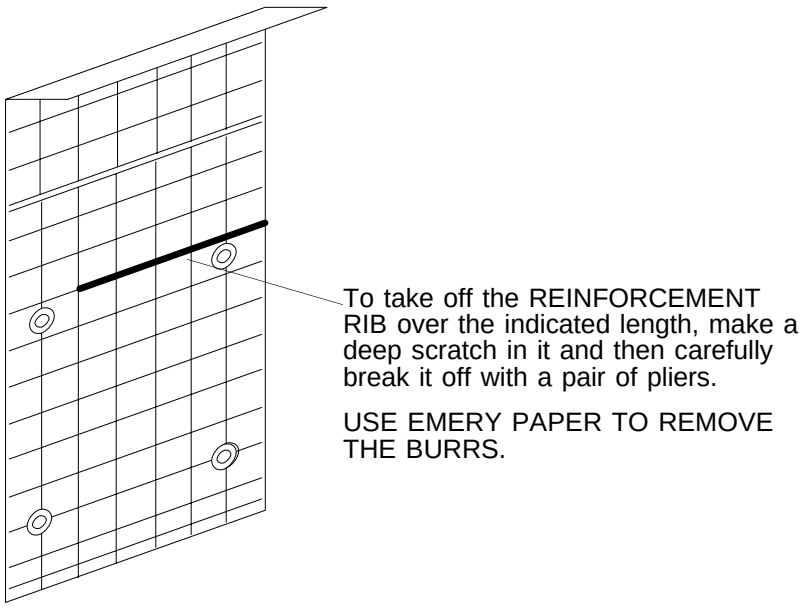


figure 4-5

CHAPTER 5

FINAL TEST

1. With WATER ON check that the HOSE CLAMPS are tight on all WATER PRESSURE HOSES and DRAIN HOSES. Check that the DRAIN CONNECTION at the WATER RESERVOIR is tight also. It is most important to avoid a leakage inside the XML300/300 Plus and to prevent the water from flowing over electrical components.

2 Mount the FITTING PLATE.

3. Connect the XML300 to the mains and switch it on.

4. Connect the DVM to TP5 (PLUS) and to TP2 (GND) on PCB A16.

5. Adjust R5 until the voltage reading is 4VDC. This is equal to 40% Rh.

6. If the humidity is below 40% Rh, the HUMIDIFIER FAN will start and the WATER RESERVOIR will be filled up.

7. If the Rh is above 40% the FAN will not start. For test purposes set the voltage to a higher value until the FAN starts.

8. Test the OVER FLOW of the HUMIDIFIER.

NOTE

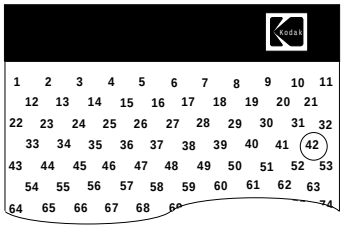
It is a legal requirement that this test is done.

To test it, close the HUMIDIFIER DRAIN HOSE and hold down the WATER LEVEL SENSOR. The WATER RESERVOIR will fill up and overflow. Check that the WATER flows only through the OVERFLOW and then down the XML300 FRAME to the floor.

9. Release the WATER LEVEL SENSOR and open the HUMIDIFIER DRAIN HOSE.

10. If you had to change in step 5 the voltage setting, set it back to 4 V.

11. Place the DVGW APPROVAL LABEL beside the MODIFICATION LABEL.



12. Circle 42 on the MOD LABEL for ML300, and 04 for ML300 Plus

figure 5-1

11. Mount all PANELS.

12. Inform the customer that to minimise biological growth the HUMIDIFIER FILTER CARTRIDGE must be replaced during PMs or a minimum of 2 times a year.

NOTE

THE REPLACEMENT OF THE HUMIDIFIER FILTER CARTRIDGE MUST ONLY BE DONE BY SERVICE PERSONNEL AUTHORISED BY KODAK!

13. Insert slowly the HUMIDIFIER FILTER CARTRIDGE to prevent spilling water inside the XML300 and to prevent water from flowing over electrical components.

14. Mount the FILTER ACCESS COVER.

NOTE

The slot of the LOCK SCREW should be approximately parallel to the long side of the FILTER CARTRIDGE ACCESS COVER. In this case it will become locked after the first press. If the slot is perpendicular to the long side, it might be possible that multiple presses are needed to lock it.

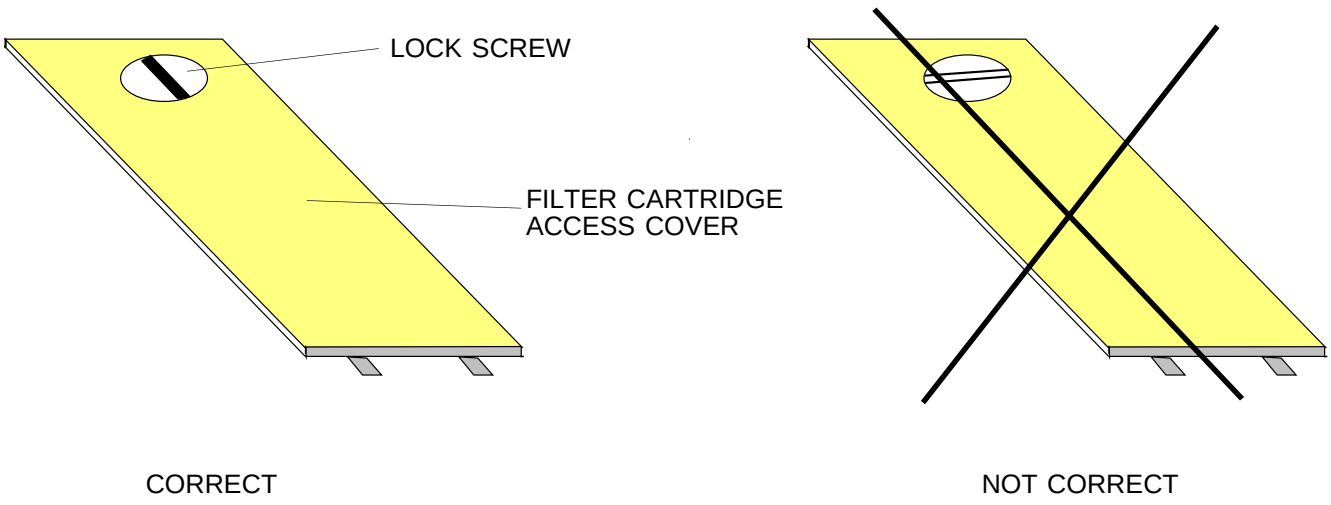


figure 5-2

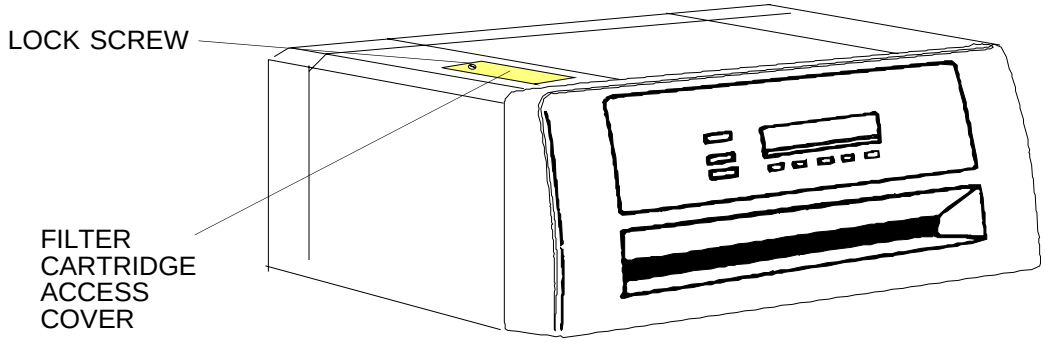


figure 5-3